

JOINT
PUBLIC NOTICE

CHARLESTON DISTRICT, CORPS OF ENGINEERS

Columbia Field Office
Strom Thurmond Federal Building
1835 Assembly Street, Room 865 B-1
Columbia, South Carolina 29201

and

THE S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Office of Environmental Quality Control
Water Quality Certification and Wetlands Programs Section
2600 Bull Street
Columbia, South Carolina 29201

REGULATORY DIVISION

08 JULY 2005

Refer to: P/N #2005-2T-208-W

Pursuant to Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403), Sections 401 and 404 of the Clean Water Act (33 U.S.C. 1341), and the S.C. Construction in Navigable Waters Permit Program (R. 19-450, et. seq., 1976 S.C. Code of Laws, as amended), an application has been submitted to the Department of the Army and the State of South Carolina by

SOUTH CAROLINA DEPARTMENT OF TRANSPORTATION

C/O BARRETT STONE
FLORENCE AND HUTCHESON, INC.
2700 MIDDLEBURG DRIVE , SUITE 150
COLUMBIA, SOUTH CAROLINA 29204

for a permit to place fill material in waters of the United States, including freshwater wetlands, adjacent to the

CONGAREE RIVER

at a location on U.S. Highway 601 between Joe Collins Road (S-56) and the Calhoun County/Richland County line at the Congaree River in Calhoun and Richland Counties, South Carolina (Latitude 33.77202°N, Longitude 80.63972°W).

In order to give all interested parties an opportunity to express their views

NOTICE

is hereby given that written statements regarding the proposed work will be received by both of the above mentioned offices until

12 O'CLOCK NOON, MONDAY, 08 AUGUST 2005

from those interested in the activity and whose interests may be affected by the proposed work.

The proposed work consists of placing approximately 96,489 cubic yards of fill material in 8.13 acres of wetlands to allow for the replacement of four bridges along U.S. Highway 601. The South Carolina Department of Transportation (SCDOT) proposes to replace the U.S. 601 bridge over the Congaree River and three floodplain overflow bridges, widen the existing roadway travel lanes, and pave a portion of the grass shoulders.

In detail, Bridge No. 1 will be replaced on the existing alignment. The existing 150-foot bridge will be replaced with a new 165-foot bridge. To continue traffic flow during bridge construction, a temporary standard concrete flat slab detour bridge will be constructed. The temporary bridge and roadway will require 0.3 acre of wetlands to be filled, however, 0.25 acres of the fill is temporary, and will be removed upon completion of the existing bridge replacement. At Bridge No. 2, the roadway alignment will shift approximately 45 feet to the west to allow construction of a new bridge while maintaining traffic on the existing bridge. This will require filling 1.39 acres of wetlands. The existing 1,590-foot bridge will be replaced with a bridge of nearly equal length. A portion of the existing embankment in the vicinity of the alignment shift will be removed, allowing restoration of 1.1 acre of wetlands. The roadway alignment will be shifted 45 feet to the west starting about 1700 feet north of Bridge No. 3 and in the 4000-foot section between Bridge No. 3 and Bridge No. 4. This will require filling 6.44 acres of wetlands. The existing 630-foot Bridge No. 3 will be replaced with a bridge of nearly equal length. The existing 1,743 foot Bridge No. 4 will also be replaced with a bridge of nearly equal length. A portion of the existing embankment in the vicinity of the alignment shift will be removed, allowing restoration of 4.9 acres of wetlands. As stated by the SCDOT, these bridges have been classified as deficient and do not meet current design standards. The purpose of the proposed project is to provide safe and efficient transportation along U.S. Route 601 by replacing the existing deficient bridges.

The SCDOT has proposed mitigation that includes utilizing 2:1 embankment slopes, the implementation of best management practices during construction, and restoring wetlands on-site by the removal of the existing embankment, where possible, to the existing wetland elevation. A total of 5.99 acres of embankment will be removed and restored to natural conditions. The Department is studying possible on-site remediation/restoration opportunities through the installation of floodplain pipes and/or culverts along the embankment. In addition, the Department proposes to acquire and preserve lands within the Congaree River floodplain. The Department is coordinating with the Congaree National Park Service for potential properties that may be suitable for inclusion into the Park. Furthermore, properties along the project corridor are being evaluated for their suitability as preservation tracts. A final mitigation proposal will be submitted for review by July 29, 2005.

NOTE: Plans depicting the work described in this notice are available and will be provided, upon receipt of a written request, to anyone that is interested in obtaining a copy of the plans for the specific project. The request must identify the project of interest by public notice number and a self-addressed stamped envelope must also be provided for mailing the drawings to you. Your request for drawings should be addressed to the

**CHARLESTON DISTRICT, CORPS OF ENGINEERS
Columbia Field Office
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1835 Assembly Street, Room 865 B-1
Columbia, South Carolina 29201**

The District Engineer has concluded that the discharges associated with this project, both direct and indirect, should be reviewed by the South Carolina Department of Health and Environmental Control in accordance with provisions of Section 401 of the Clean Water Act. As such, this notice constitutes a request, on behalf of the applicant, for certification that this project will comply with applicable effluent limitations and water quality standards (Section 401 of the Clean Water Act). The District Engineer will not process this application to a conclusion until such certification is received. This activity may also require evaluation for compliance with the S. C. Construction in Navigable Waters Permit Program. State review, permitting and certification is conducted by the S. C. Department of Health and Environmental Control. The applicant is hereby advised that supplemental information may be required by the State to facilitate the review. Persons wishing to comment or object to State certification or the navigable waters permit must submit all comments in writing to the S. C. Department of Health and Environmental Control at the above address within thirty (30) days of the date of this notice.

This notice initiates the Essential Fish Habitat (EFH) consultation requirements of the Magnuson-Stevens Fishery Conservation and Management Act. Implementation of the proposed project would impact 8.13 acres of freshwater substrates inland of estuarine substrates and emergent wetlands utilized by various life stages of species comprising the red drum, shrimp, and snapper-grouper management complexes. Our initial determination is that the proposed action would not have a substantial individual or cumulative adverse impact on EFH or fisheries managed by the South Atlantic Fishery Management Council and the National Marine Fisheries Service (NMFS). Our final determination relative to project impacts and the need for mitigation measures is subject to review by and coordination with the NMFS.

Pursuant to Section 7(c) of the Endangered Species Act of 1973 (as amended), the applicant has provided a protected species survey for the property associated with the activity described above. Based upon this report, the District Engineer has determined that the project is not likely to adversely affect any Federally endangered, threatened, or proposed species or result in the destruction or adverse modification of designated or proposed critical habitat. This public notice serves as a request for written concurrence from the U.S. Fish and Wildlife Service and/or the National Marine Fisheries Service on this determination.

The District Engineer has consulted the latest published version of the National Register of Historic Places for the presence or absence of registered properties, or properties listed as being eligible for inclusion therein, and this worksite is not included as a registered property or property listed as being eligible for inclusion in the Register. Consultation of the National Register constitutes the extent of cultural resource investigations by the District Engineer, and he is otherwise unaware of the presence of such resources. Presently unknown archaeological, scientific, prehistorical, or historical data may be lost or destroyed by the work to be accomplished under the requested permit.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state, with particularity, the reasons for holding a public hearing.

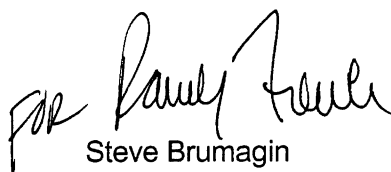
The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the project must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the project will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, flood plain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production and, in general, the needs and welfare of the people. A permit will be granted unless the District Engineer determines that it would be contrary to the public interest. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this project. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the activity.

REGULATORY DIVISION
Refer to: P/N #2005-2T-208-W

08 JULY 2005

If there are any questions concerning this public notice, please contact me at 843-329-8400 or toll free at 866-329-8187.

A handwritten signature in black ink, appearing to read "for Steve Brumagin". The signature is written in a cursive, flowing style.

Steve Brumagin
Project Manager
Regulatory Division
U.S. Army Corps of Engineers

Shaded Area Indicates
County Locations in SC



VICINITY MAP

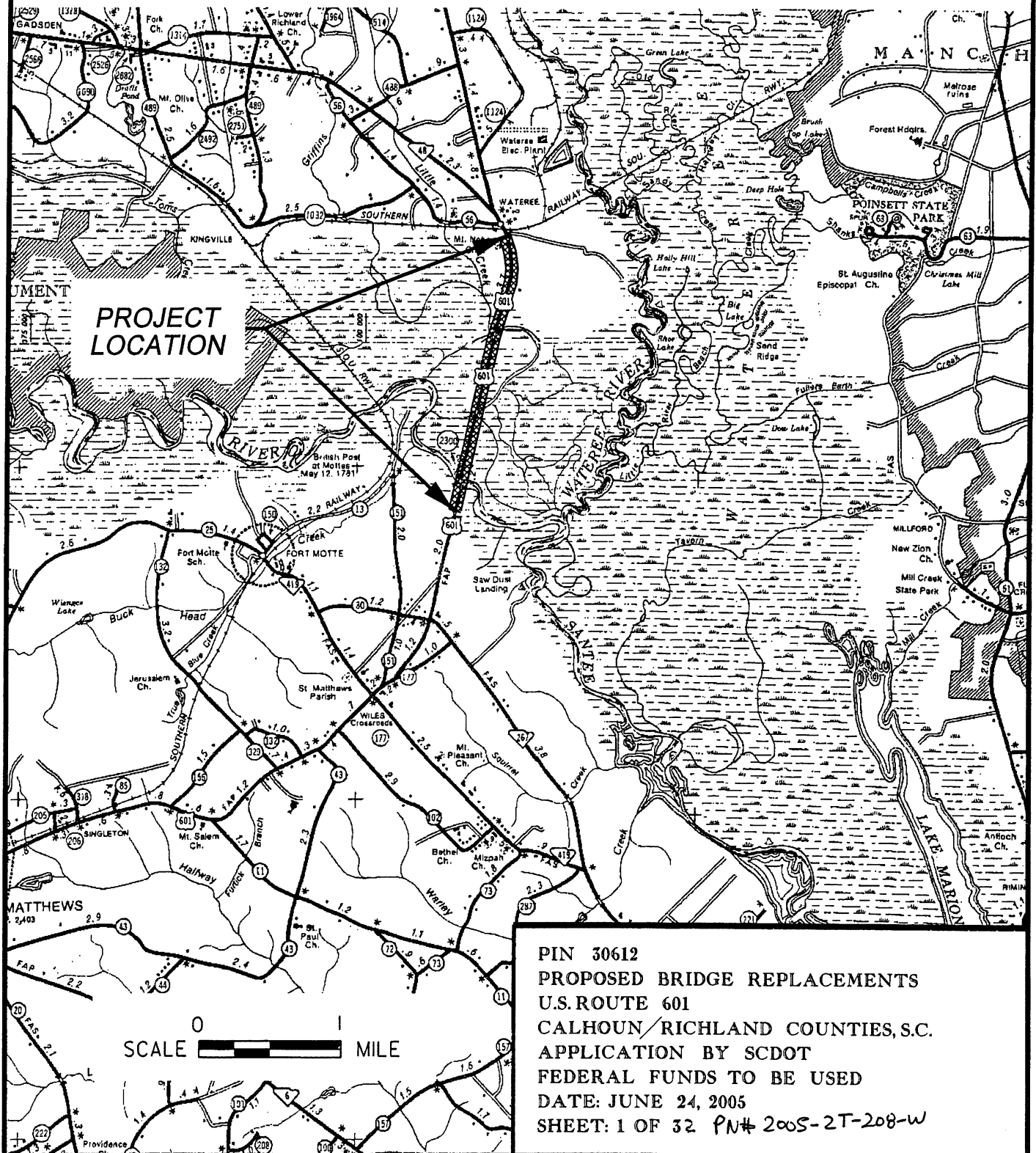
From: CALHOUN AND RICHLAND COUNTIES

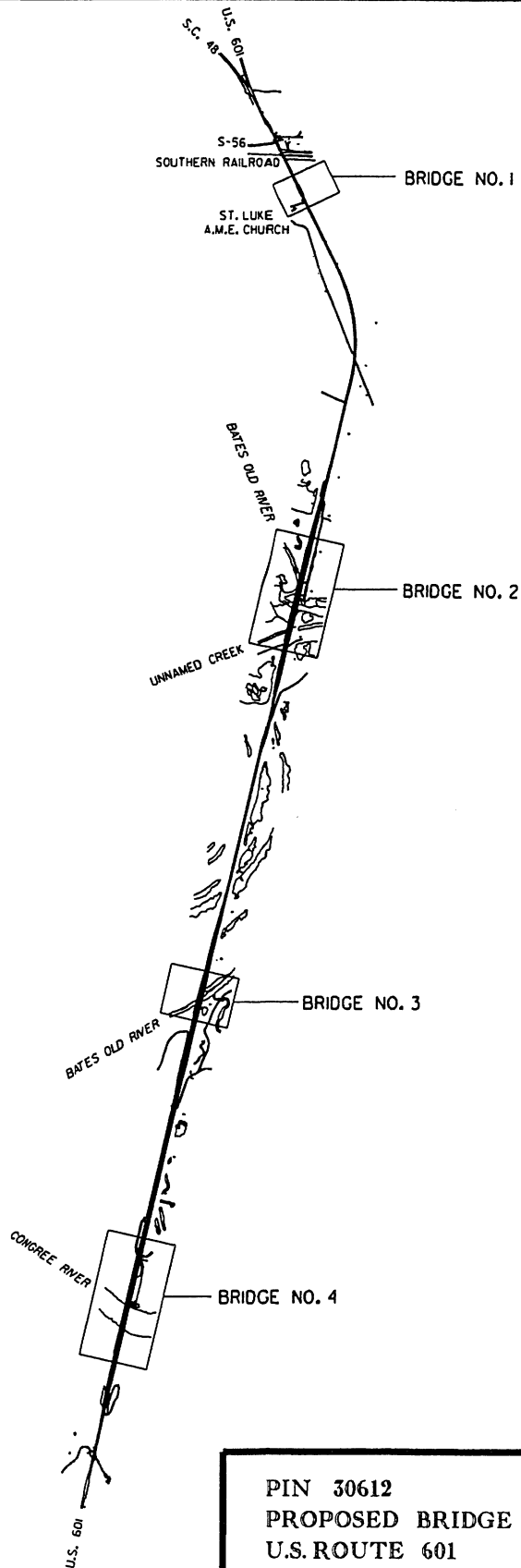


Approximate Location of Project is:

Latitude 80° 38' 11"

Longitude 33° 47' 01"

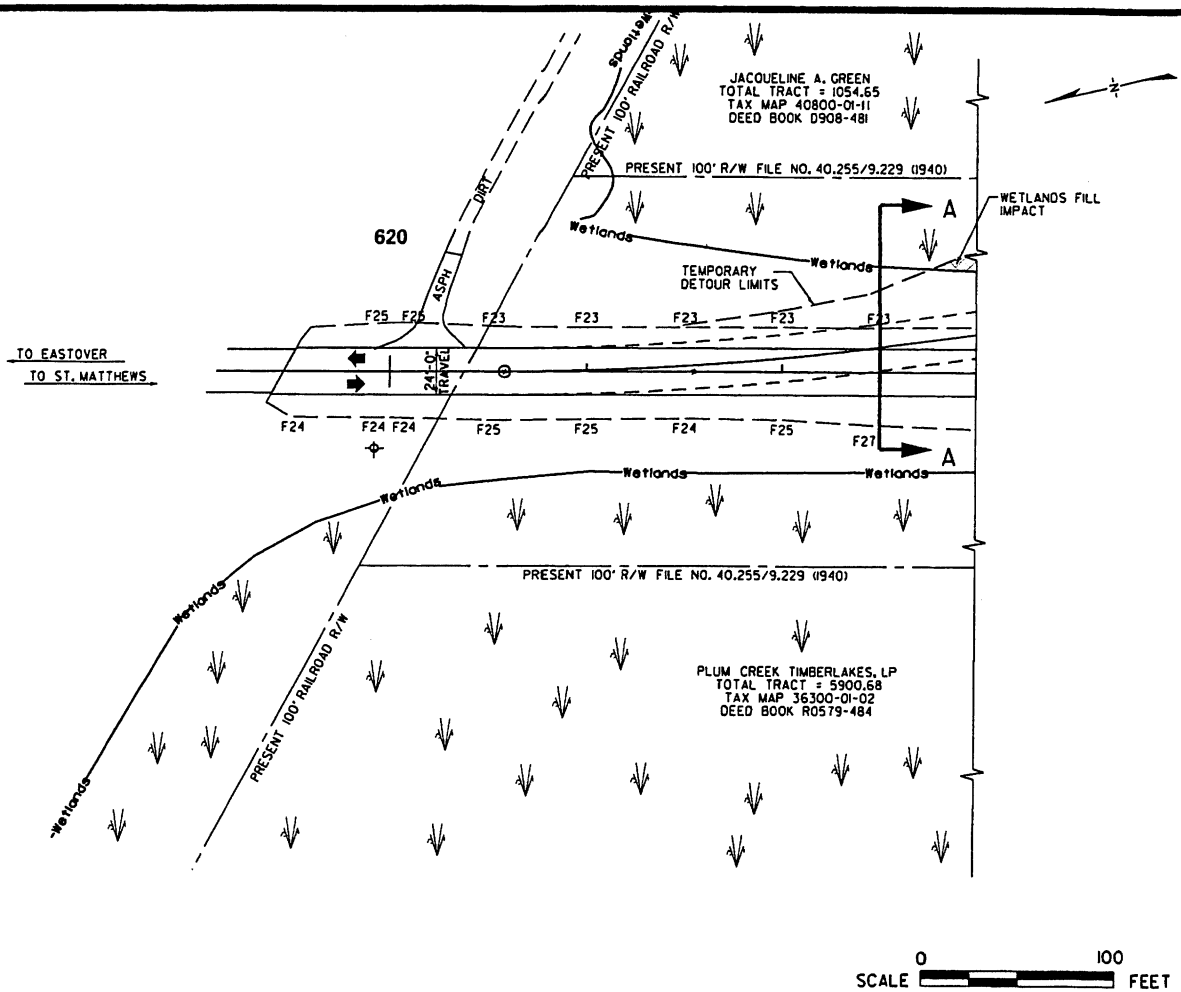




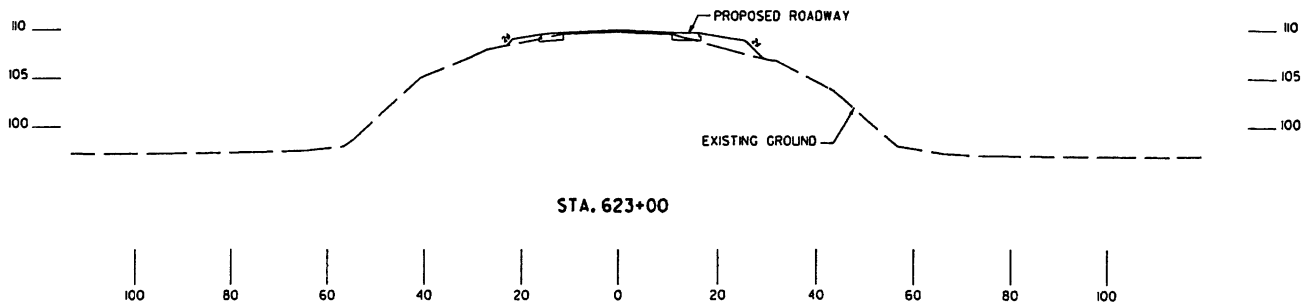
0 3000
SCALE  FEET

PIN 30612
PROPOSED BRIDGE REPLACEMENTS
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 2 OF 32 PN# 2005-2T-208-W

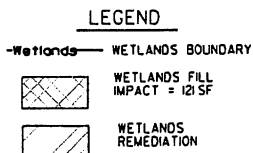
PLAN



SECTION A - A



BRIDGE NO. 1



ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 1
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 3 OF 32 PN# 2005-2T-208-W

JACQUELINE A. GREEN
TOTAL TRACT = 1054.65
TAX MAP 40800-01-11
DEED BOOK D908-481

PLUM CREEK TIMBERLAKES, LP
TOTAL TRACT = 5900.68
TAX MAP 36300-01-02
DEED BOOK R0579-484

PRESENT 100' R/W FILE NO. 40.255/9.229 (1940)

WETLANDS FILL IMPACT = 6,026 SF

WETLANDS FILL IMPACT = 5,412 SF

TEMPORARY DETOUR LIMITS

EXISTING BRIDGE TO BE REMOVED

Wetlands

F23 F24 F25 F26 F27 F28 F29 F30 F31

EXISTING U.S. 601

DEF'L. JT.

APPROACH SLAB

BEGIN BRIDGE

END BRIDGE

TO EASTOVER TO ST. MATTHEWS

10'-0" S.W.D. ON BRIDGE

RAILROAD TRAVEL

625

0.25 AC. TEMPORARY FILL
0.05 AC. PERMANENT FILL

PLUM CREEK TIMBERLAKES, LP
TOTAL TRACT = 5900.68
TAX MAP 36300-01-02
DEED BOOK R0579-484

ST. LUKES A.M.E. CHURCH
TOTAL TRACT = 2.10
TAX MAP 40800-02-01
DEED BOOK D808-811

SCALE 0 100 FEET

SECTION A - A

Diagram illustrating the cross-section of Bridge No. 1, showing the wetlands fill impact, proposed detour roadway, existing roadway, and existing ground. The vertical scale ranges from 100 to 110 feet. The horizontal scale ranges from 100 to 0 feet. The diagram shows a proposed detour roadway crossing the bridge, with an existing roadway and existing ground shown below. A wetlands fill impact area is indicated on the left side of the bridge.

BRIDGE NO. 1

LEGEND

Wetlands WETLANDS BOUNDARY

WETLANDS FILL
IMPACT
TOTAL = 11,438 SF

WETLANDS
REMEDATION
TOTAL = 0 SF

VERT. 0
HORIZ. 0
SCALE 20 40 FEET

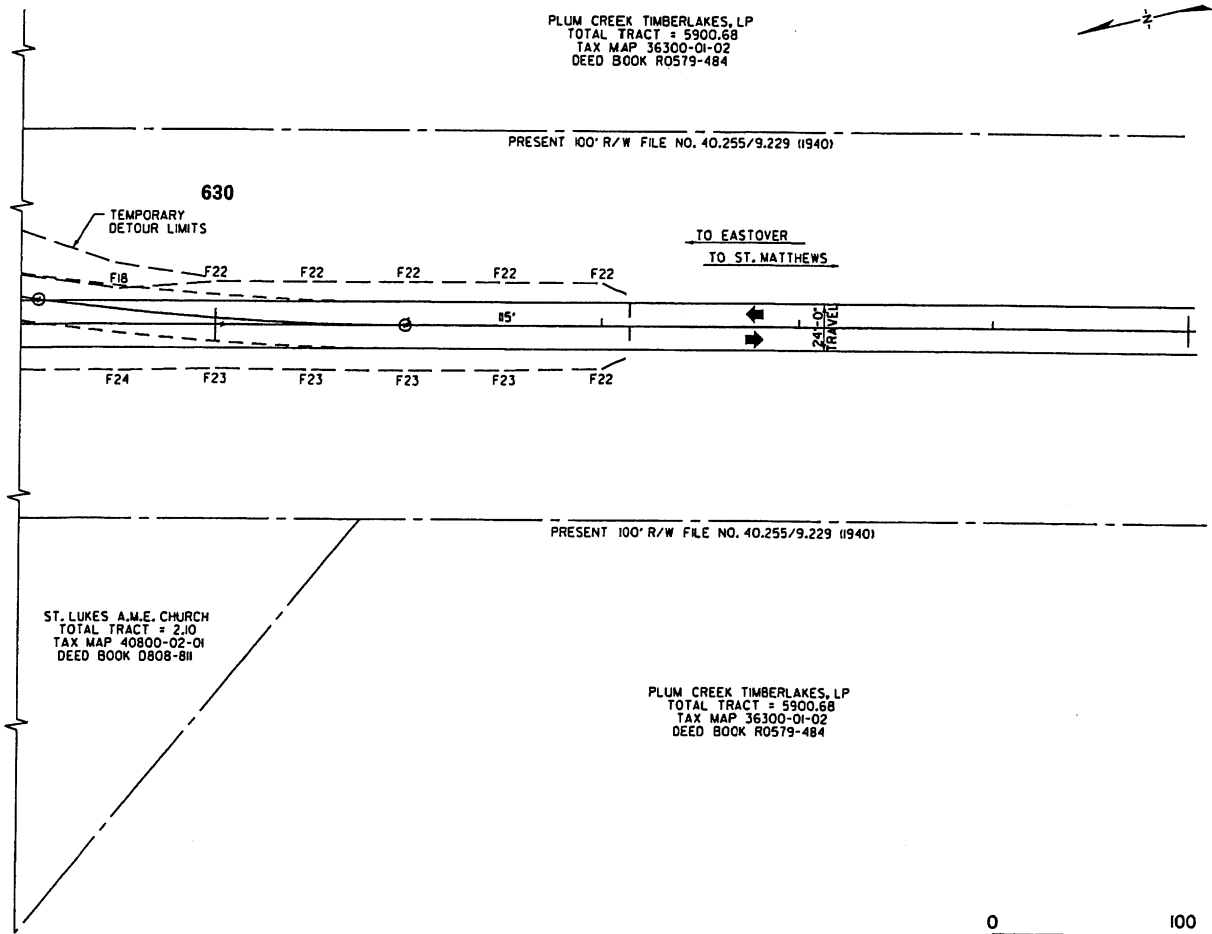
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

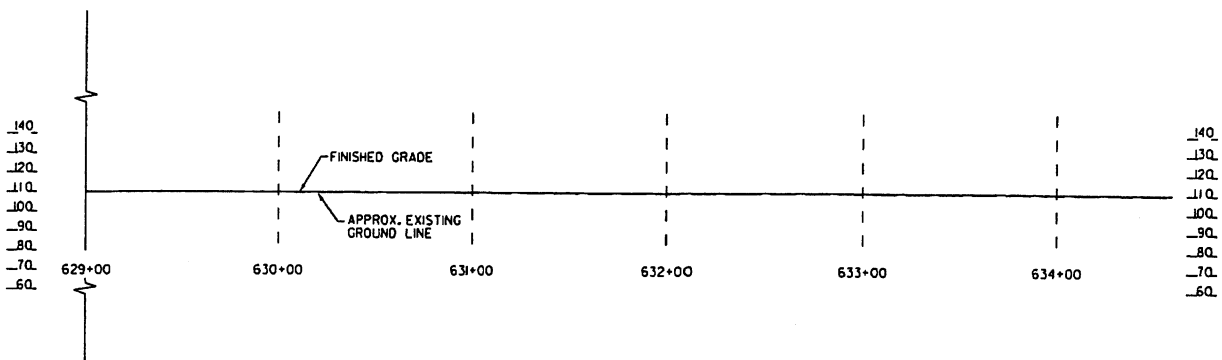
PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 1
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 4 OF 32 PN# 2005-2T-208-W

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 1
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 4 OF 32 PN# 2005-2T-208-W

PLAN

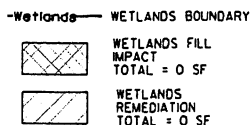


PROFILE



BRIDGE NO. 1

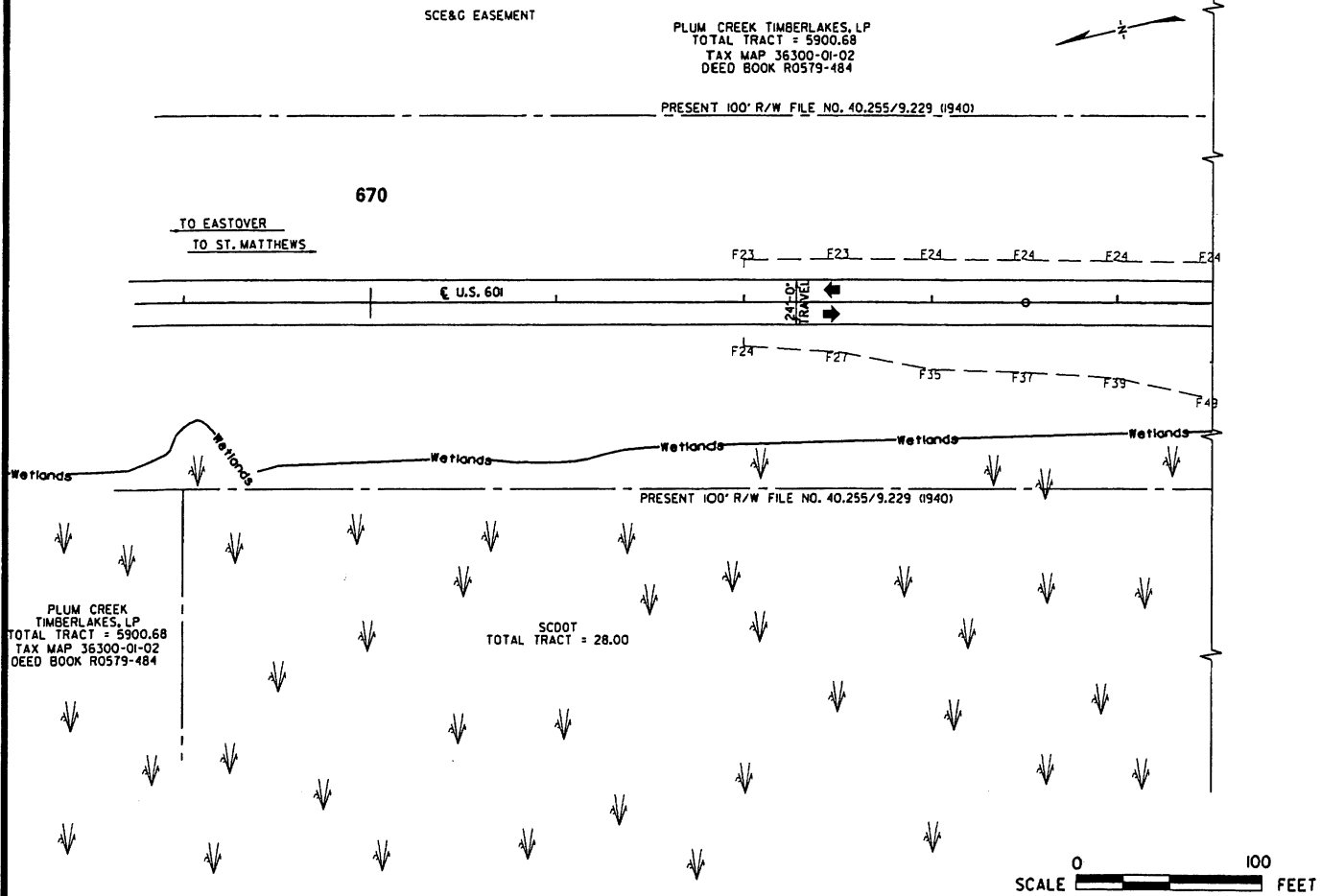
LEGEND



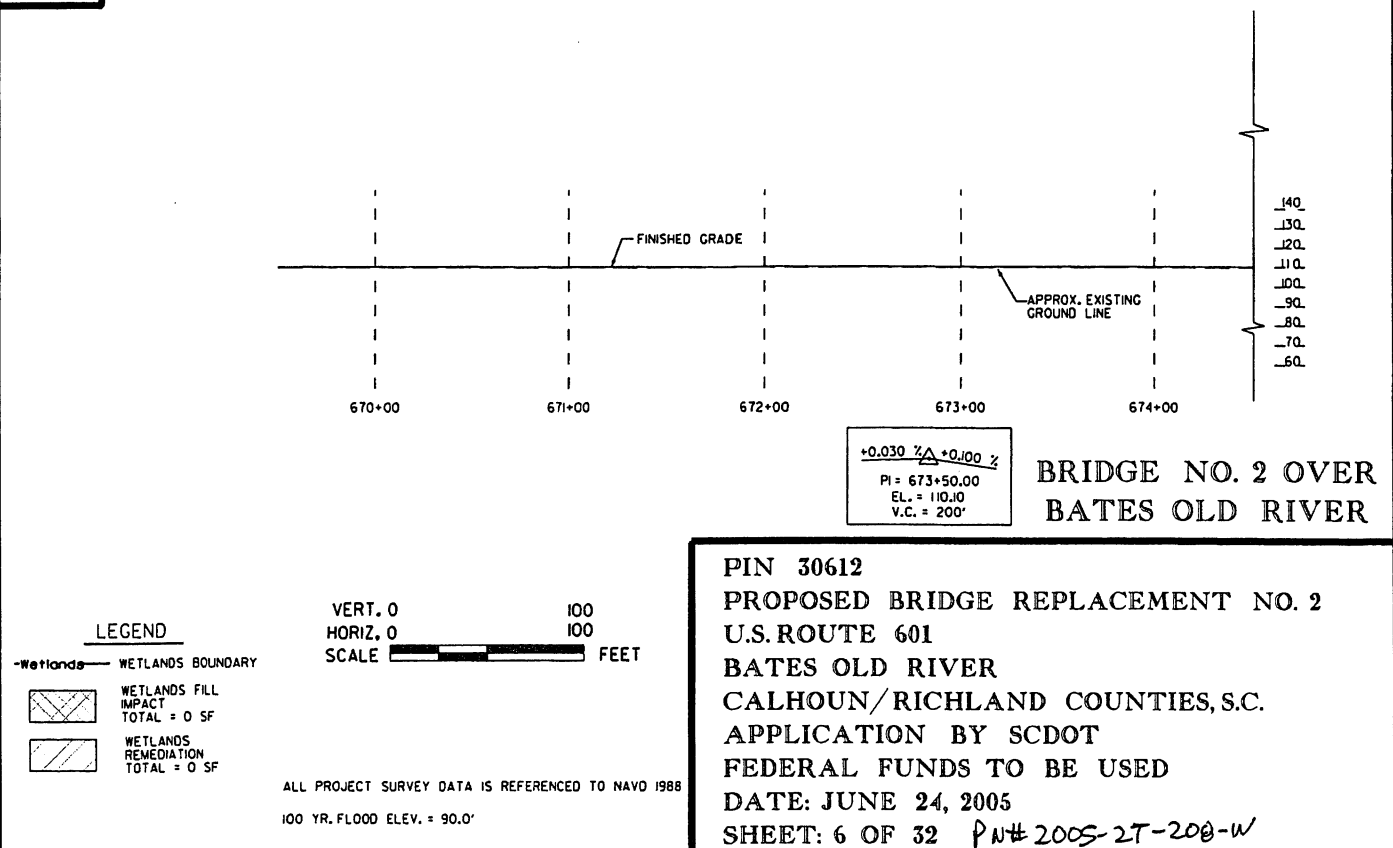
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 1
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 5 OF 32 PN# 2005-2T-208-W

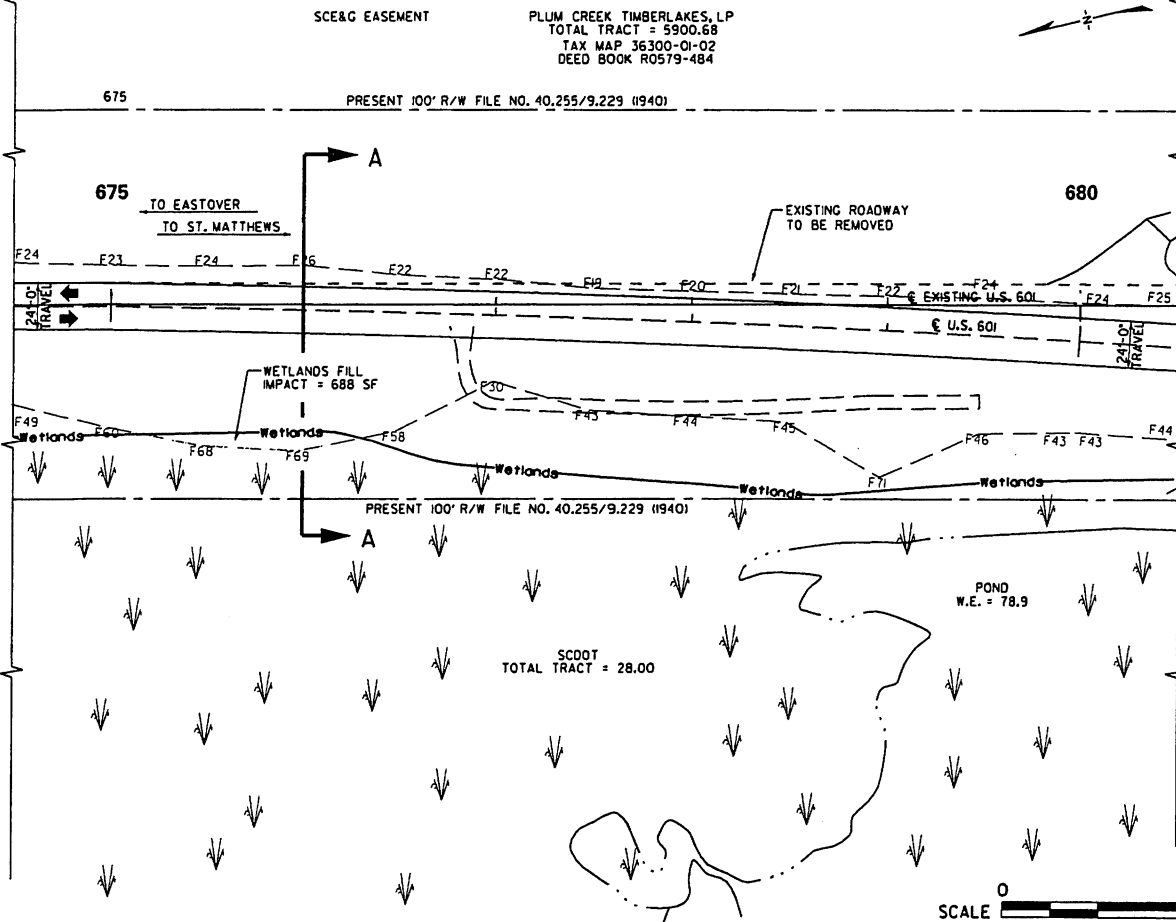
PLAN



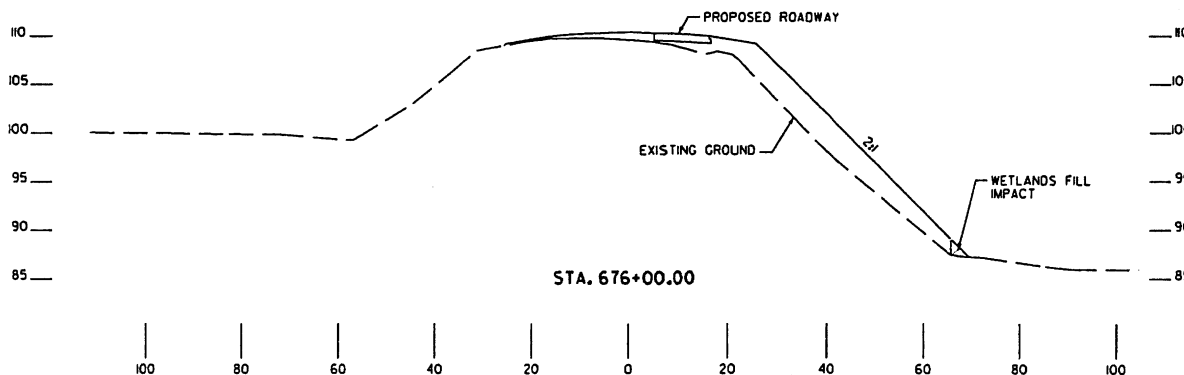
PROFILE



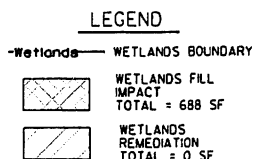
PLAN



SECTION A - A



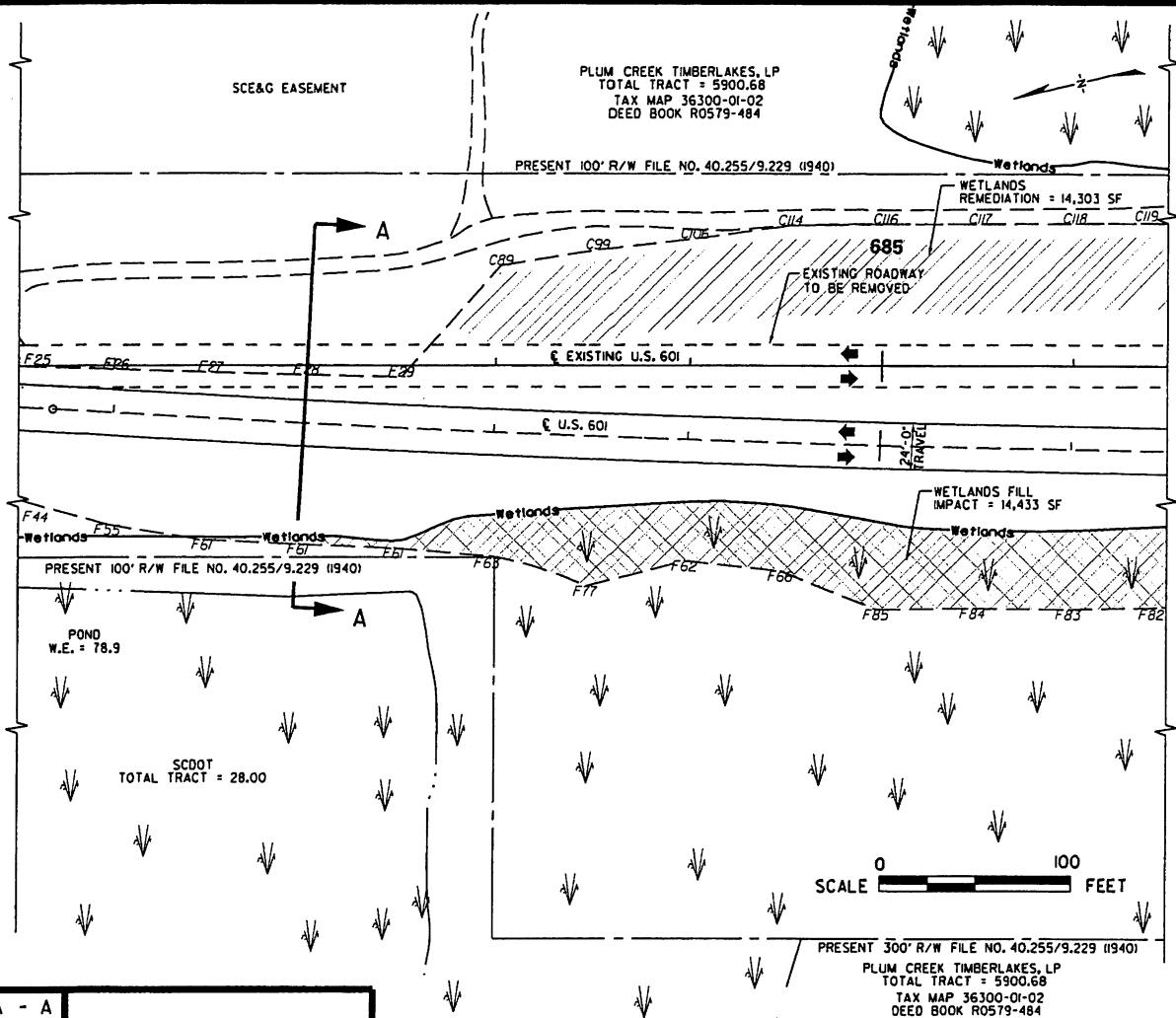
BRIDGE NO. 2 OVER BATES OLD RIVER



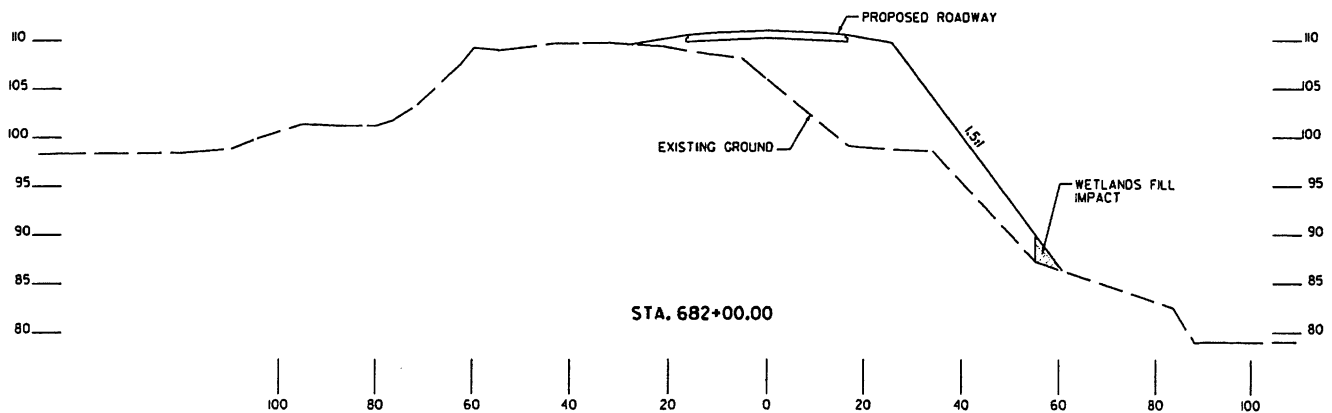
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 2
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 7 OF 32 PN# 2005-2T-208-W

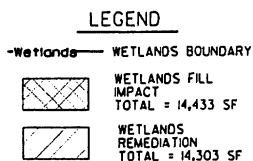
PLAN



SECTION A - A



BRIDGE NO. 2 OVER BATES OLD RIVER



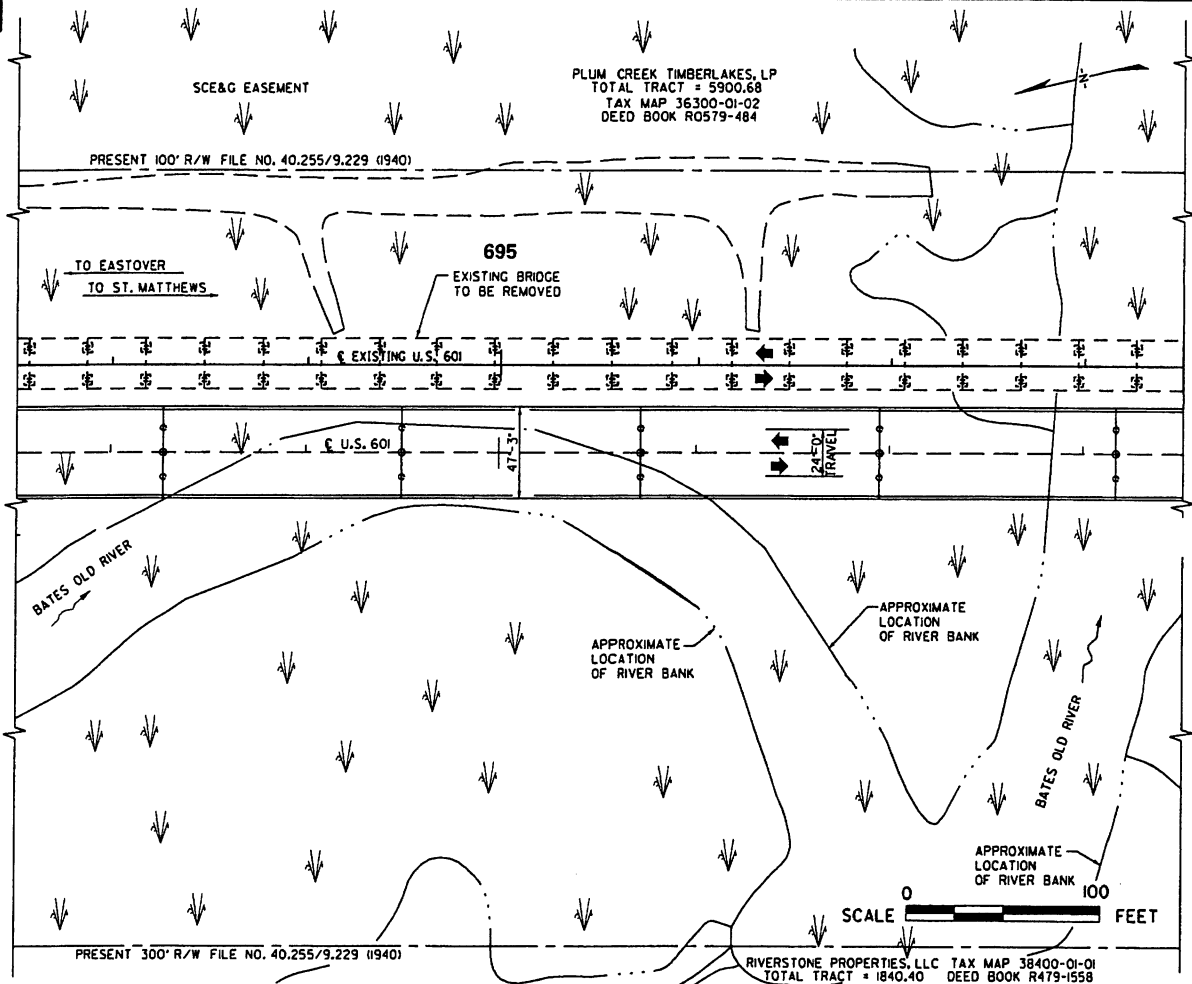
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 2
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 8 OF 32 PN# 2065-27-208 - W

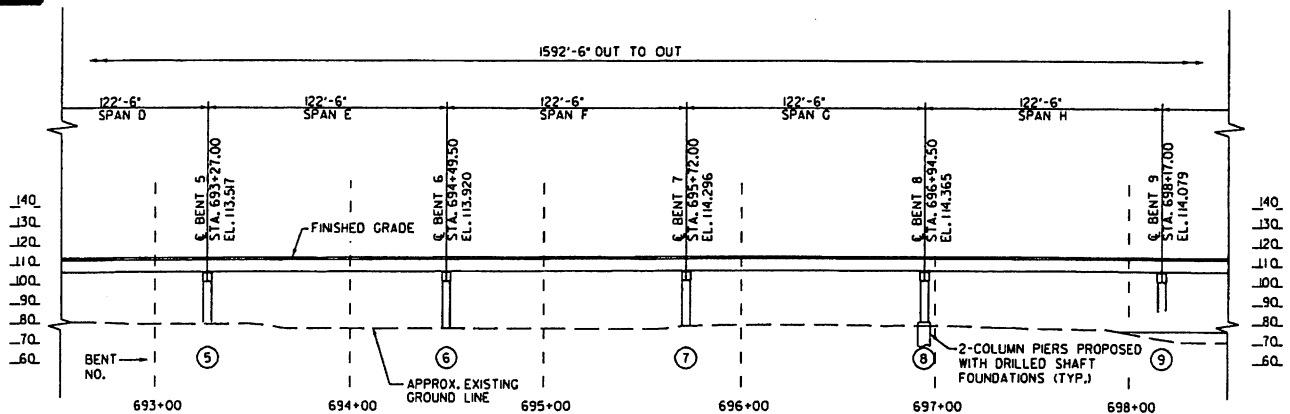
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PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 2
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 9 OF 32 PN# 2005-2T-208-W

PLAN



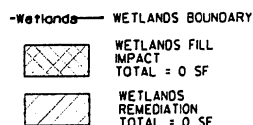
PROFILE



*0.329 % Δ -03.00 %
 PI = 696+50.00
 EL. = 114.58
 V.C. = 250'

BRIDGE NO. 2 OVER BATES OLD RIVER

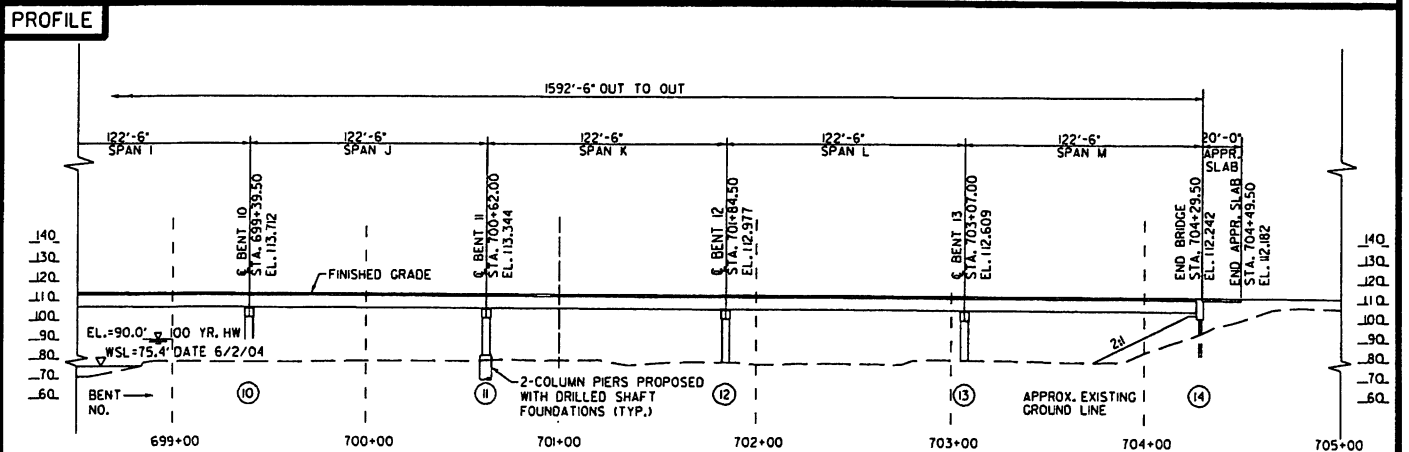
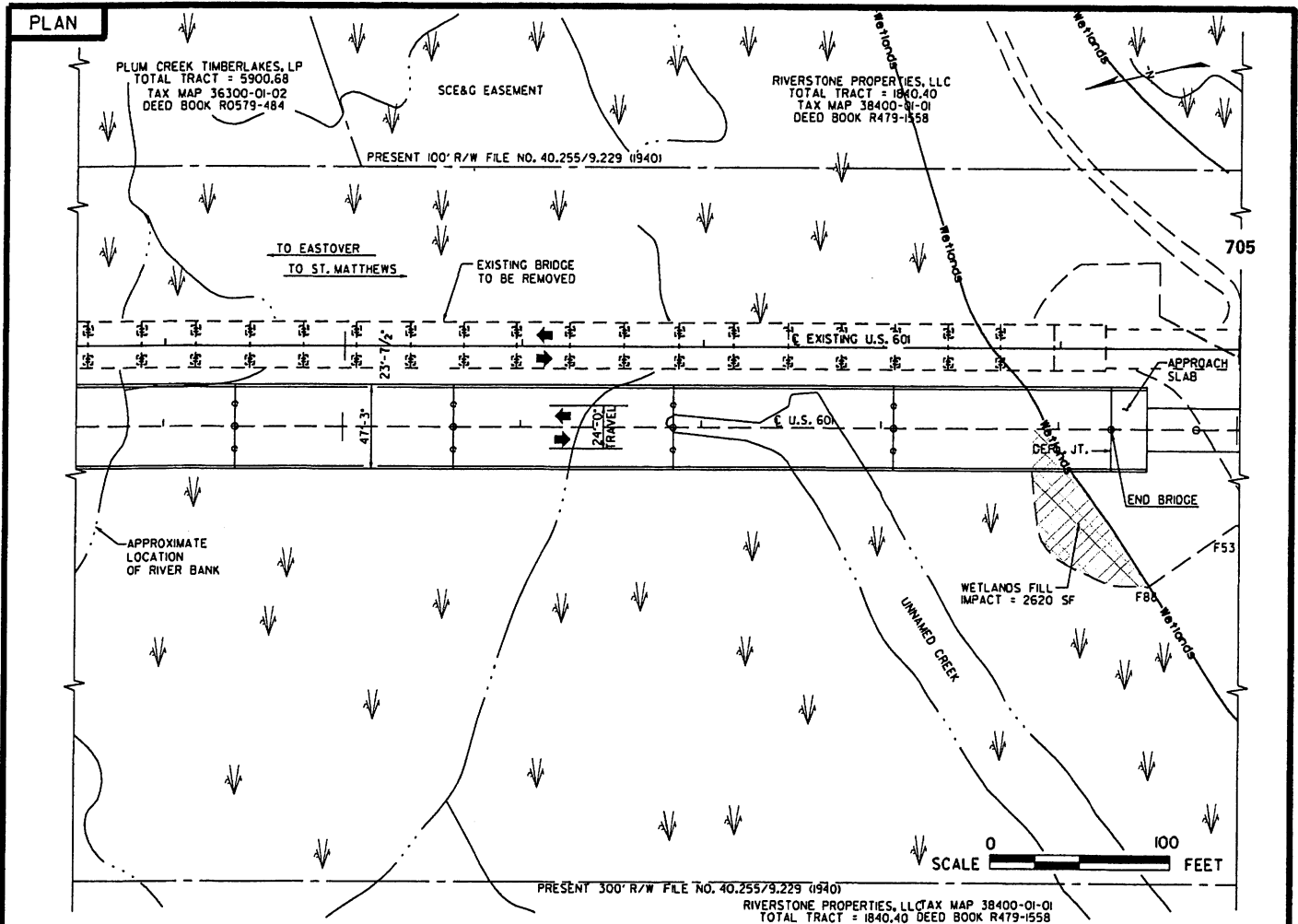
LEGEND



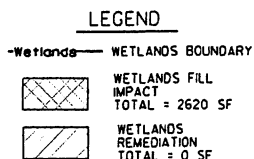
VERT. 0
 HORIZ. 0
 SCALE 100 100 FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
 100 YR. FLOOD ELEV. = 90.0'

PIN 30612
 PROPOSED BRIDGE REPLACEMENT NO. 2
 U.S. ROUTE 601
 BATES OLD RIVER
 CALHOUN/RICHLAND COUNTIES, S.C.
 APPLICATION BY SCDOT
 FEDERAL FUNDS TO BE USED
 DATE: JUNE 24, 2005
 SHEET: 10 OF 32 PN# 2005-2T-208-W



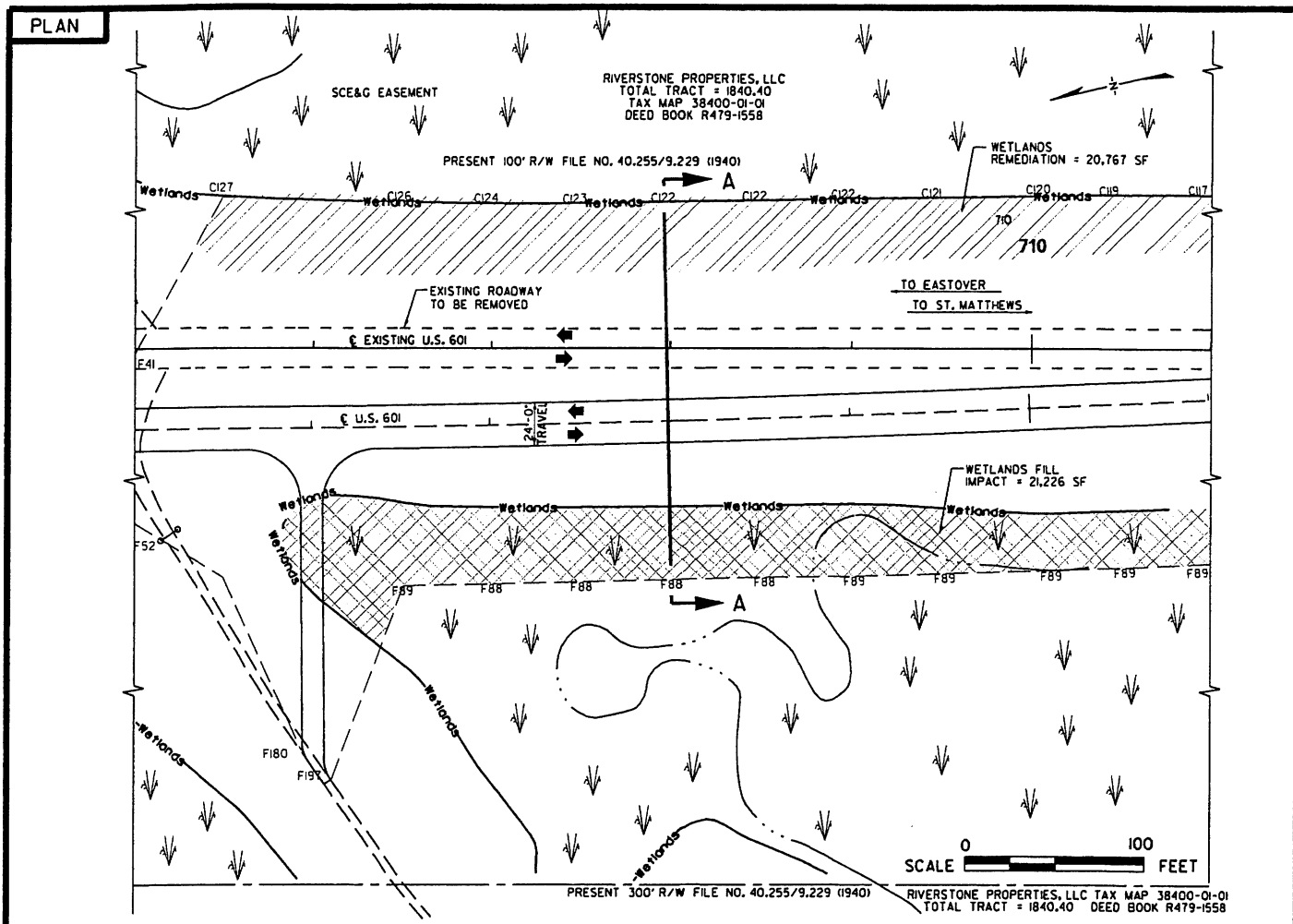
BRIDGE NO. 2 OVER BATES OLD RIVER



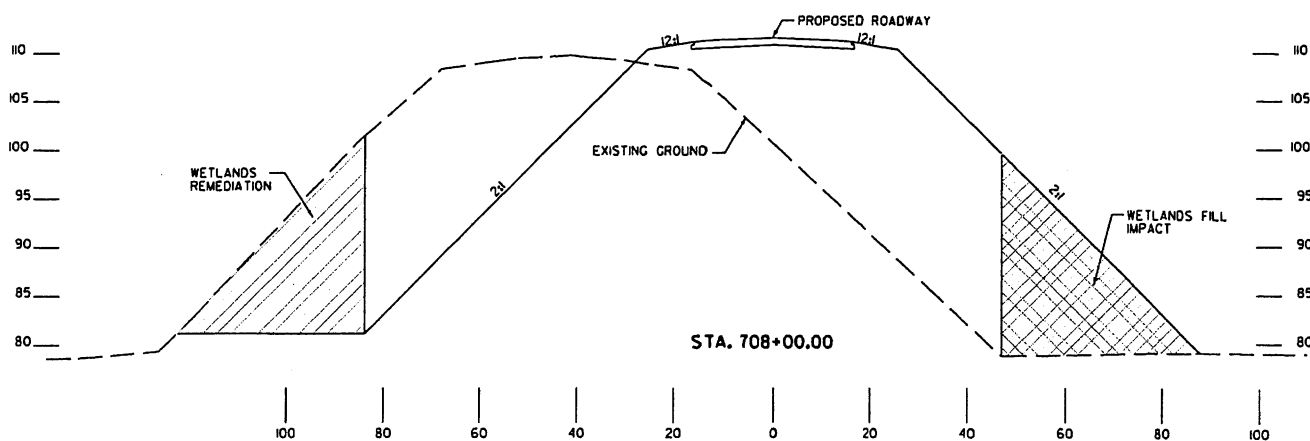
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 2
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 11 OF 32 PN# 2005-2T-208-W



SECTION A - A



BRIDGE NO. 2 OVER BATES OLD RIVER

LEGEND

Wetlands WETLANDS BOUNDARY

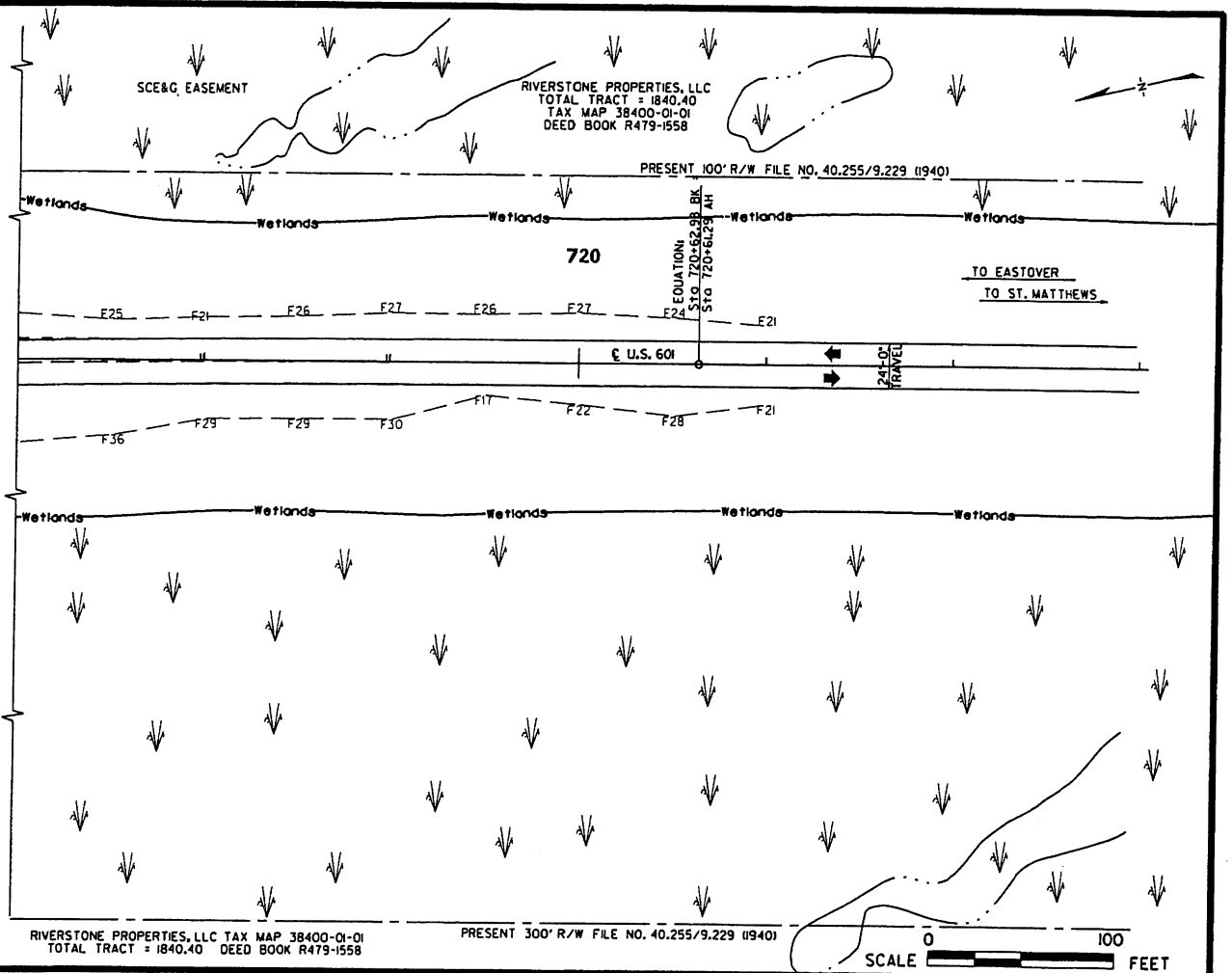
WETLANDS FILL IMPACT TOTAL = 21,226 SF

WETLANDS REMEDIATION TOTAL = 20,767 SF

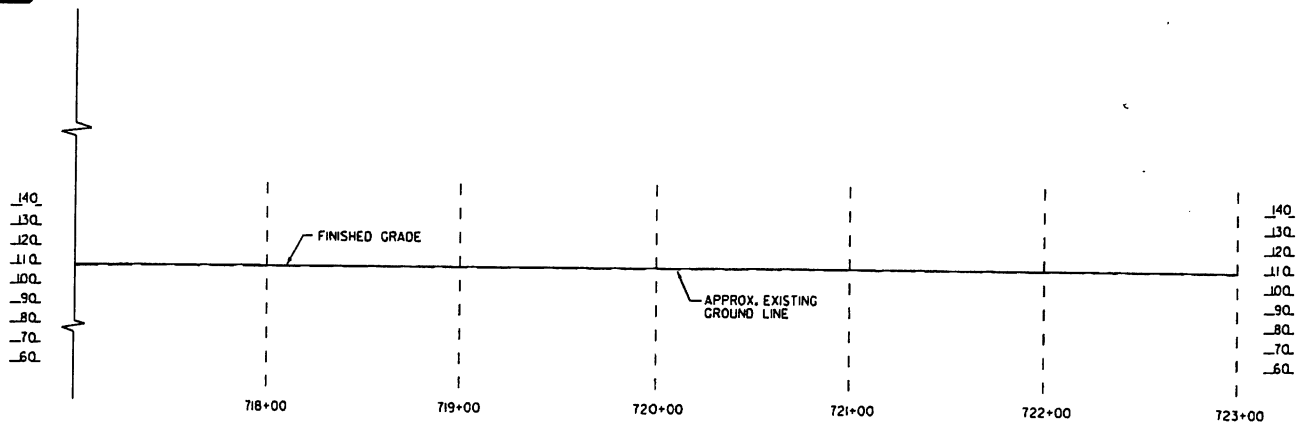
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 2
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 12 OF 32 PN# 2005-2T-208-W

PLAN



PROFILE



-0.158% Δ -0.022%
 PI = 717+50.00
 EL. = 109.98
 V.C. = 350'

LEGEND

Wetlands WETLANDS BOUNDARY



WETLANDS FILL
IMPACT
TOTAL = 0 SF



WETLANDS
REMEDICATION
TOTAL = 0 SF

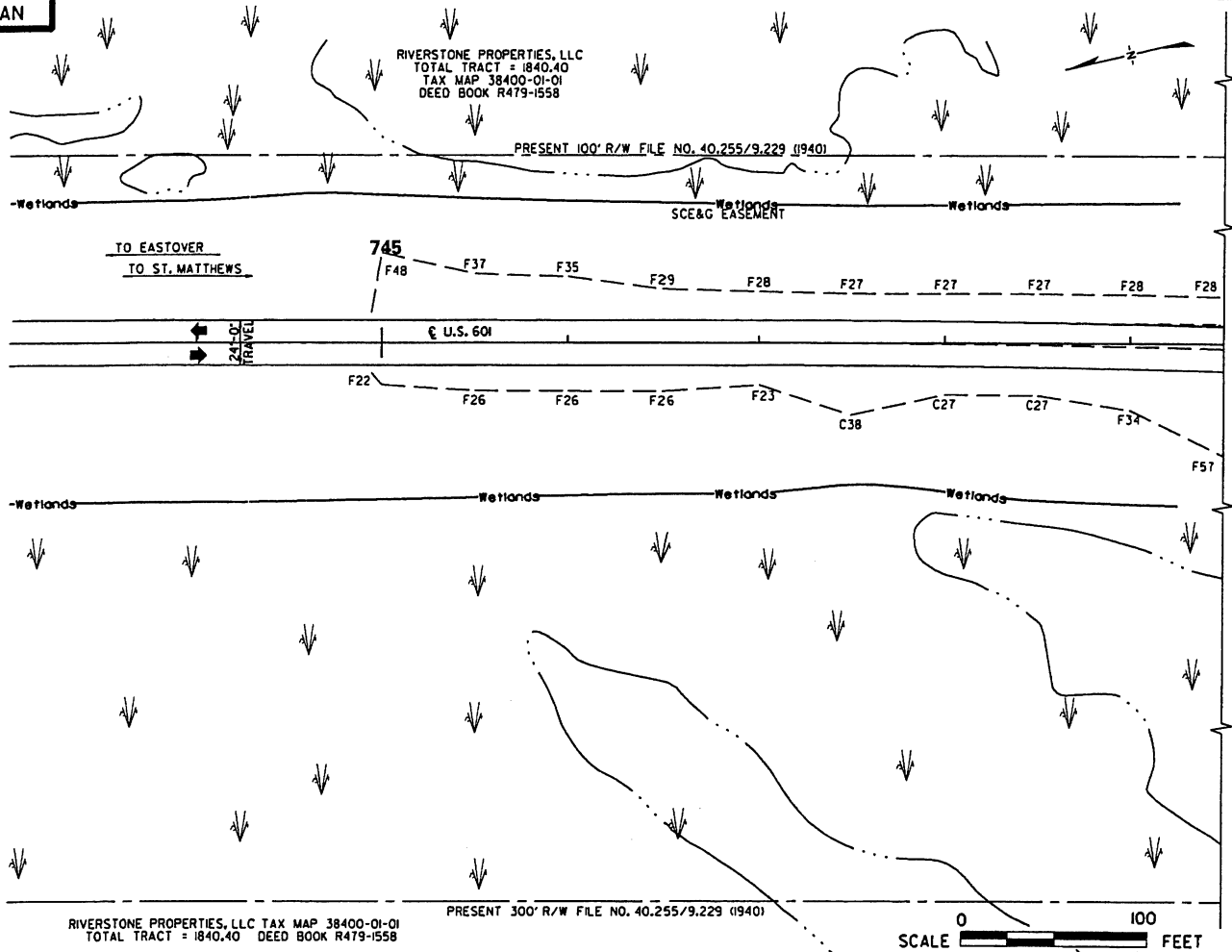
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

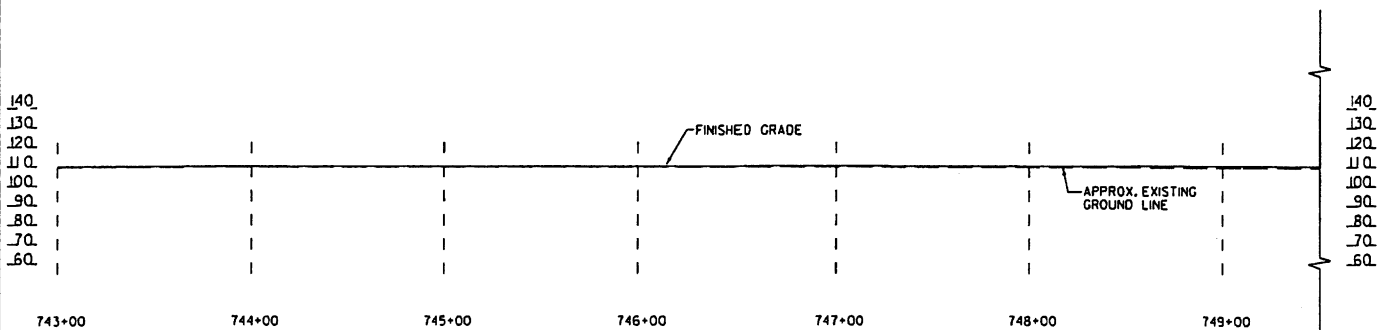
BRIDGE NO. 2 OVER BATES OLD RIVER

PIN 30612
 PROPOSED BRIDGE REPLACEMENT NO. 2
 U.S. ROUTE 601
 BATES OLD RIVER
 CALHOUN/RICHLAND COUNTIES, S.C.
 APPLICATION BY SCDOT
 FEDERAL FUNDS TO BE USED
 DATE: JUNE 24, 2005
 SHEET: 14 OF 32 PN# 2005-2T-208-W

PLAN



PROFILE



+0.039 % -0.100 %
PI = 746+50.00
EL. = 109.88
V.C. = 200'

BRIDGE NO. 3 OVER BATES OLD RIVER

LEGEND

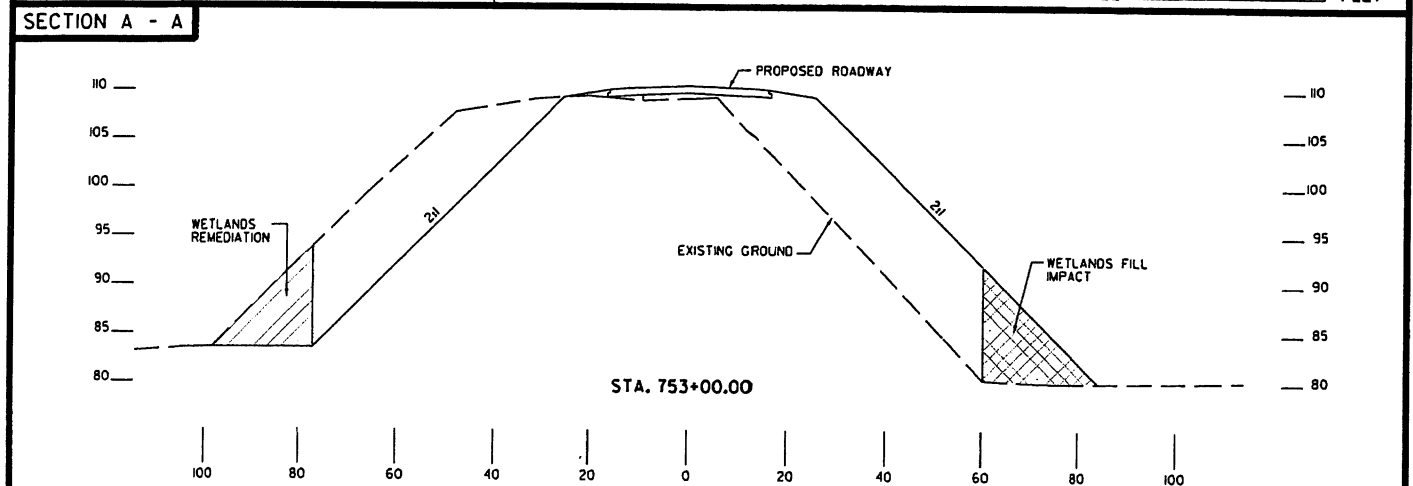
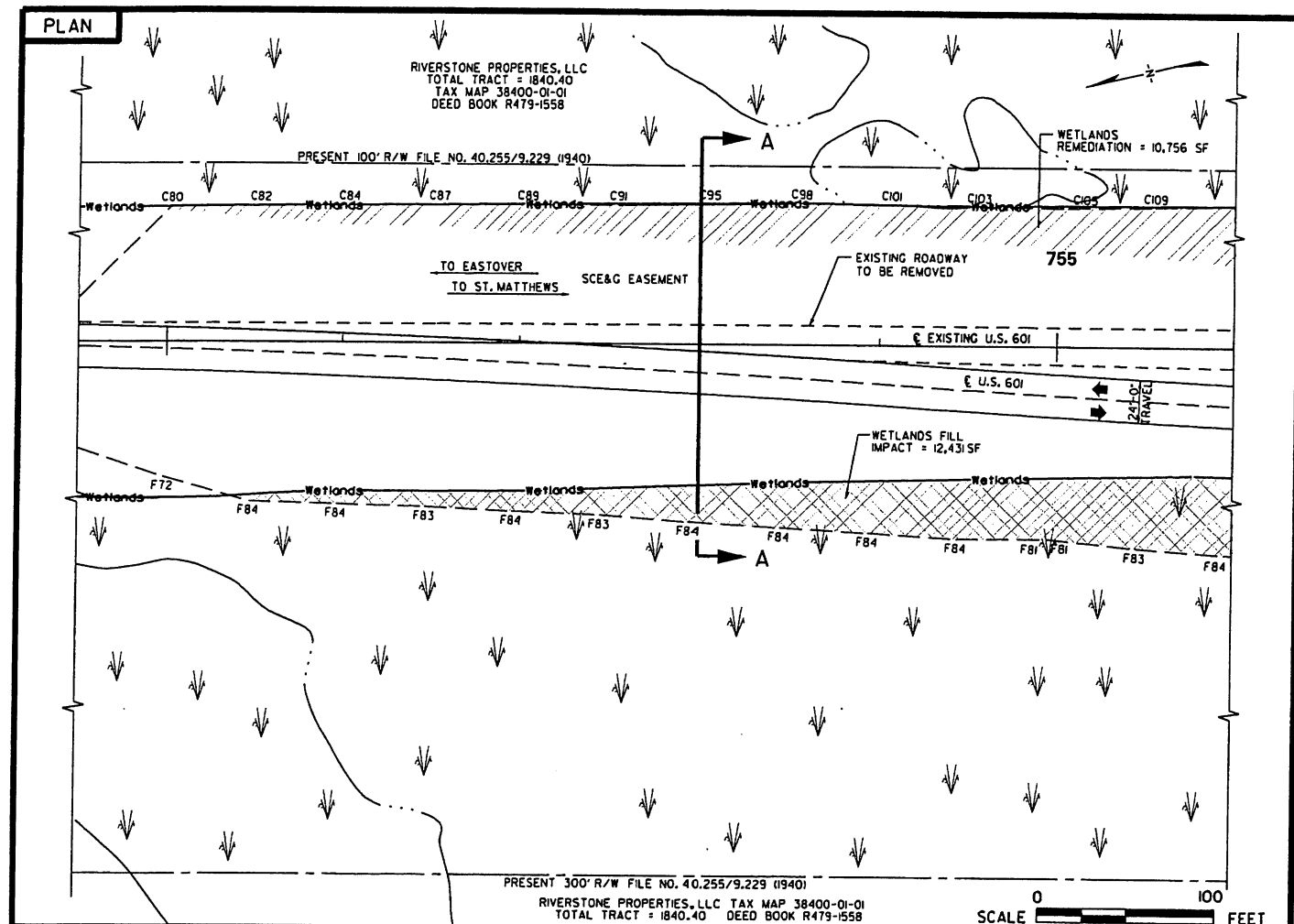
- Wetlands WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 0 SF
- WETLANDS REMEDIATION TOTAL = 0 SF

VERT. 0
HORIZ. 0
SCALE 100 100 FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 3
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 15 OF 32 PN# 2005-2T-208-W



BRIDGE NO. 3 OVER BATES OLD RIVER

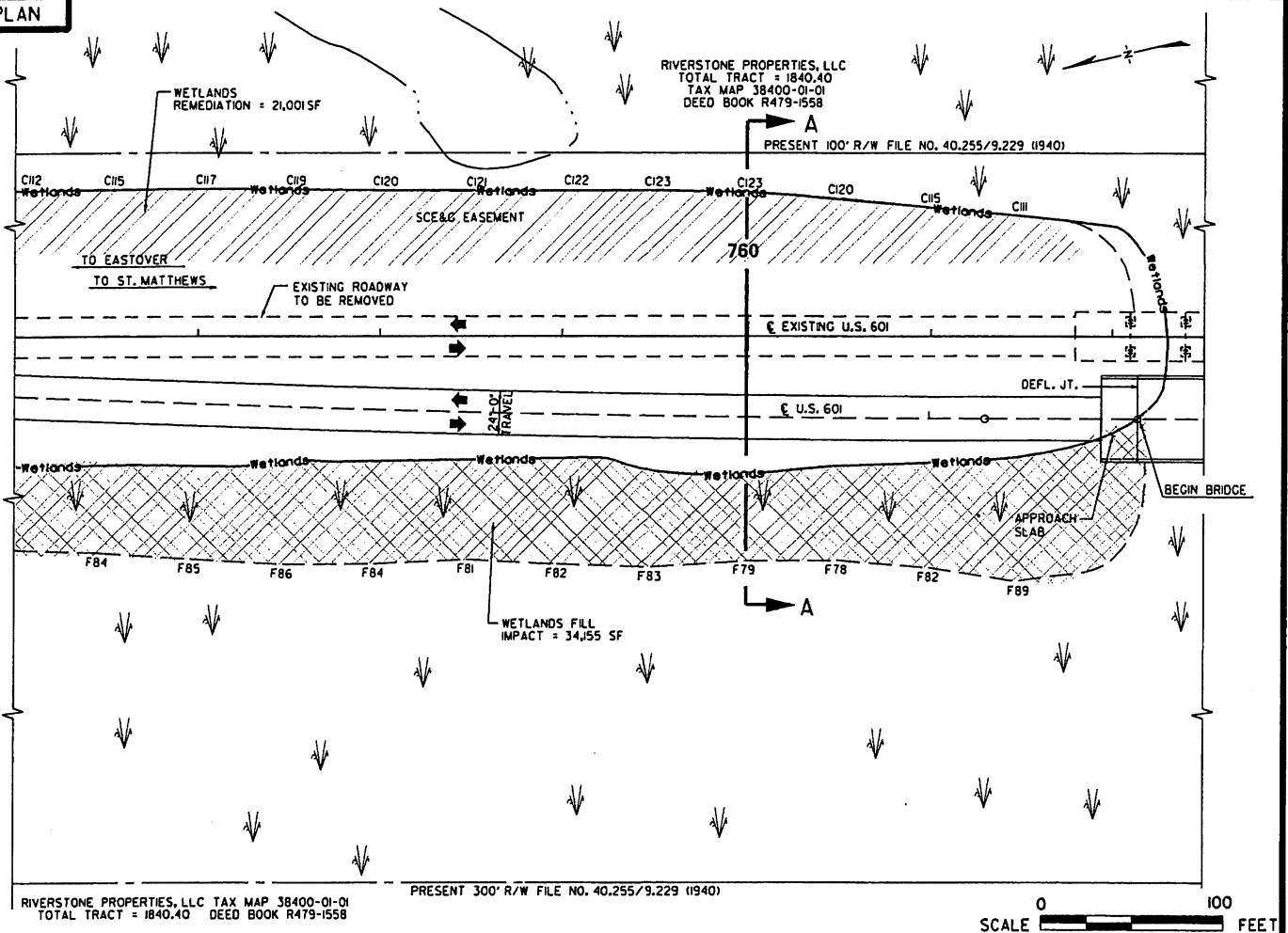
- LEGEND**
- Wetlands
 - WETLANDS BOUNDARY
 - WETLANDS FILL IMPACT
TOTAL = 12,431 SF
 - WETLANDS REMEDIATION
TOTAL = 10,756 SF

VERT. 0 20
HORIZ. 0 40
SCALE FEET

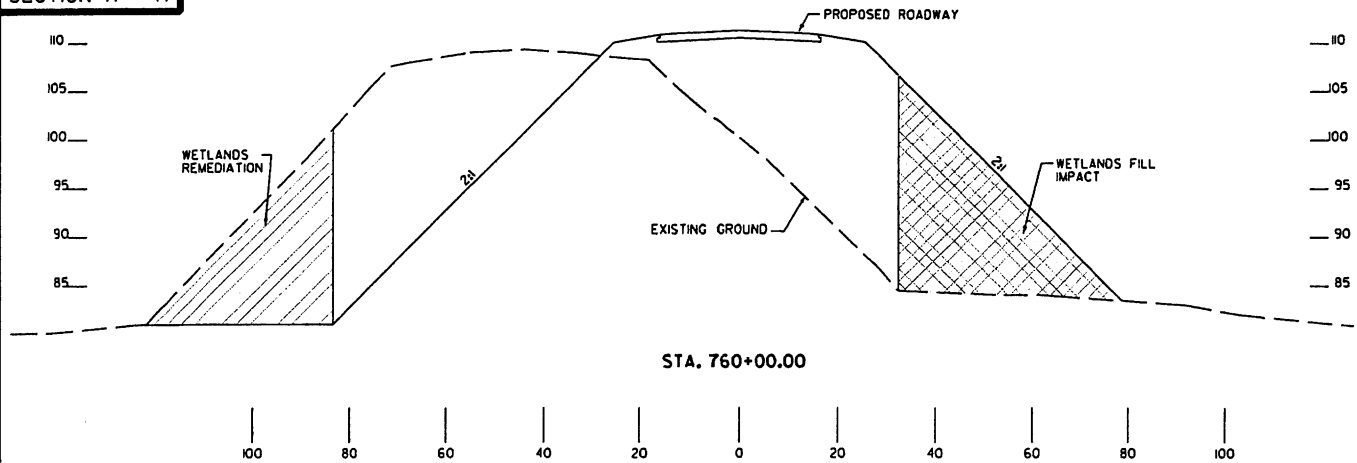
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 3
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 16 OF 32 PN#2005-2T-208-W

PLAN



SECTION A - A



BRIDGE NO. 3 OVER BATES OLD RIVER

PIN 30616
PROPOSED BRIDGE REPLACEMENT NO. 3
U.S. ROUTE 601
BATES OLD RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 8, 2005
SHEET: 17 OF 32 *PN#2005-2T-208-W*

LEGEND

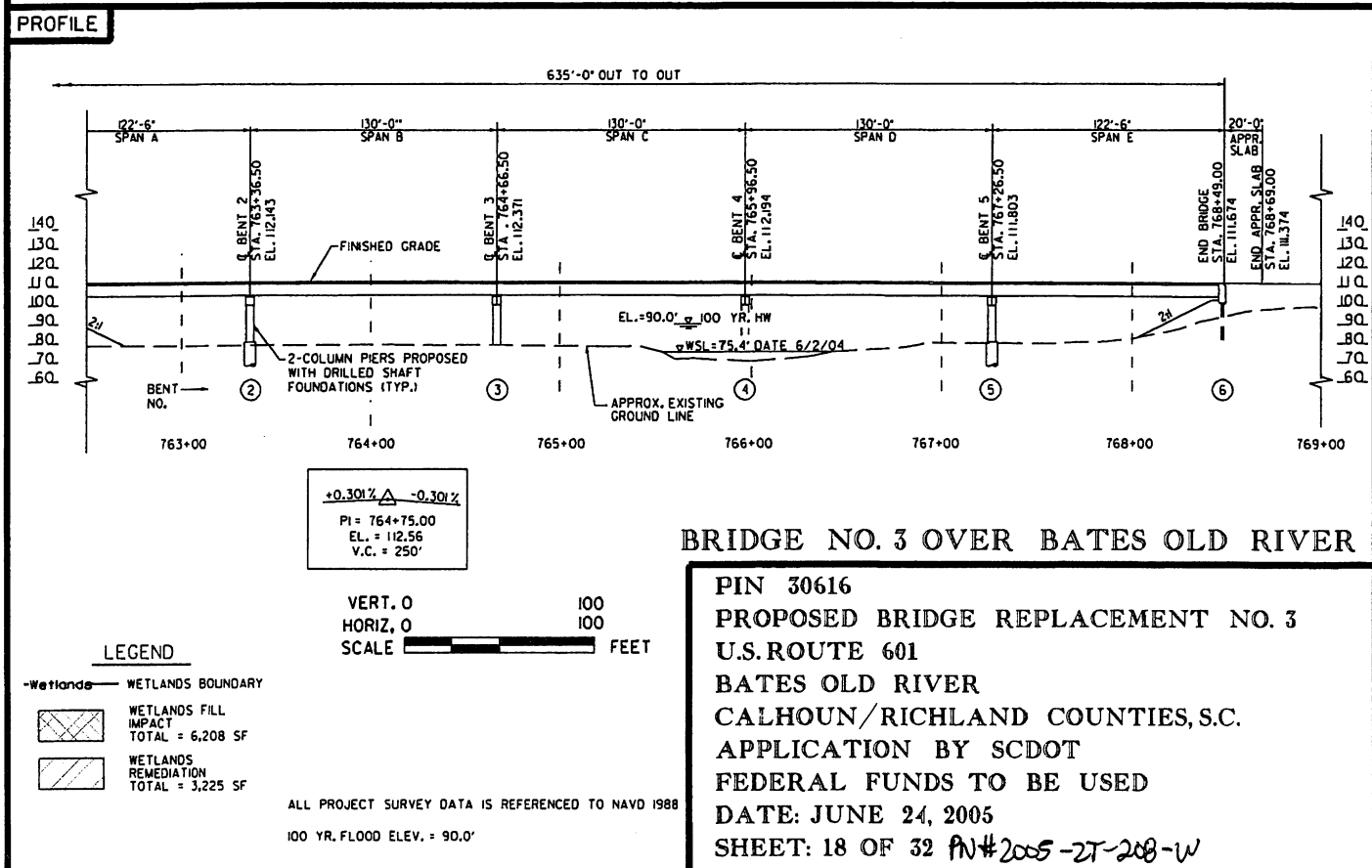
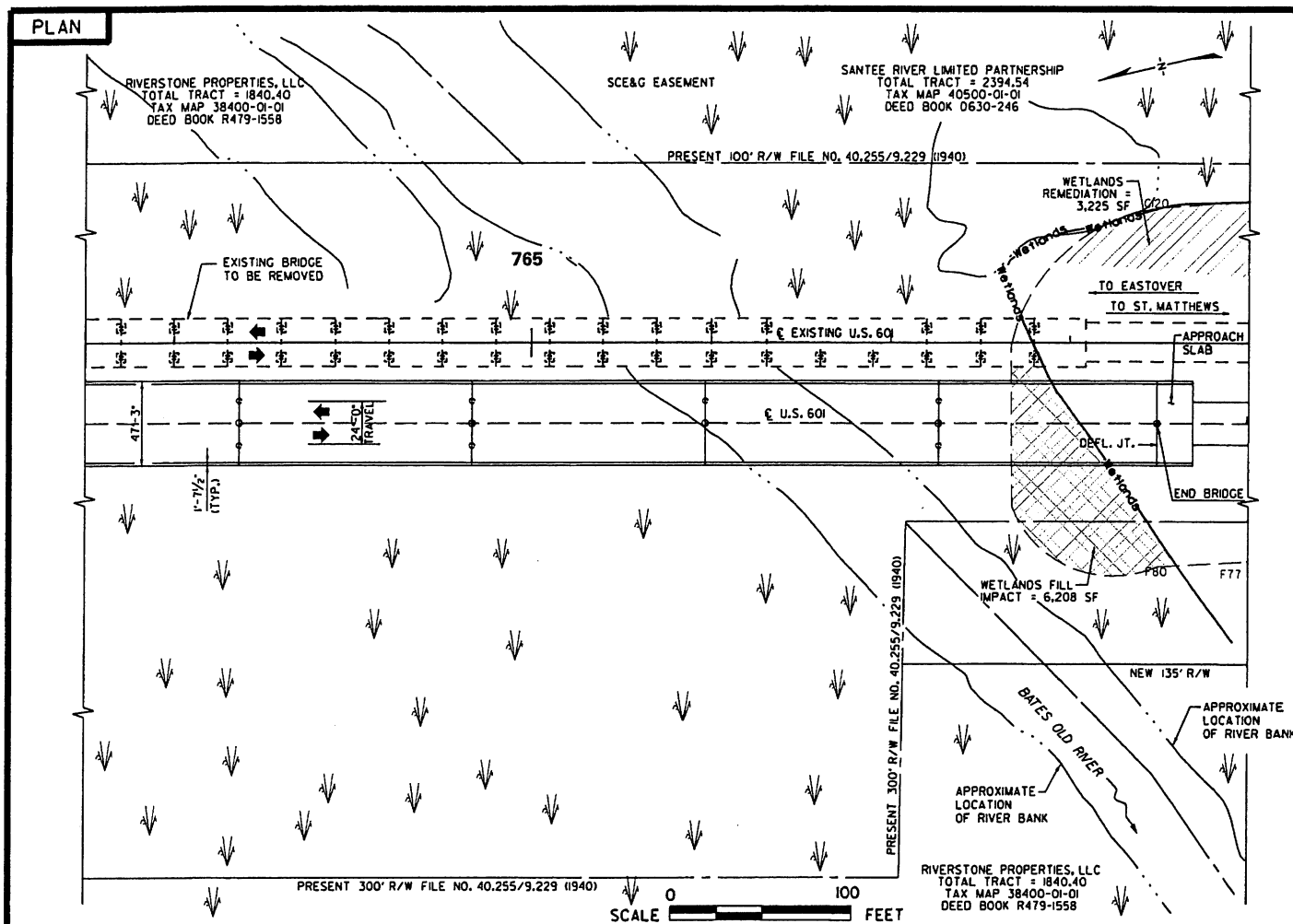
Wetlands WETLANDS BOUNDARY

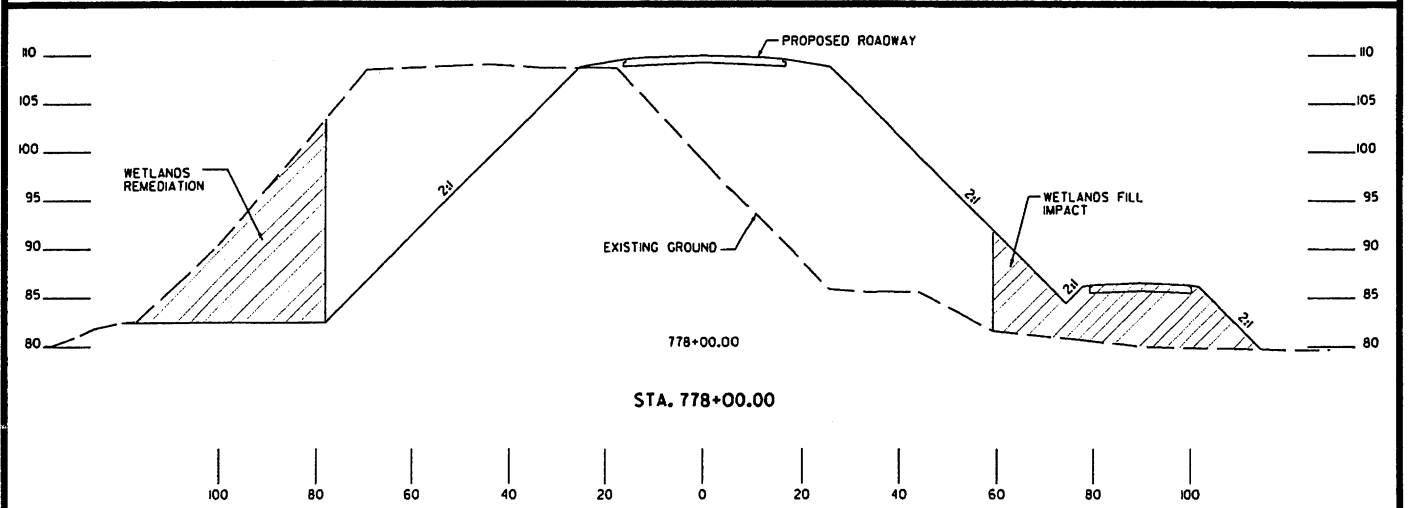
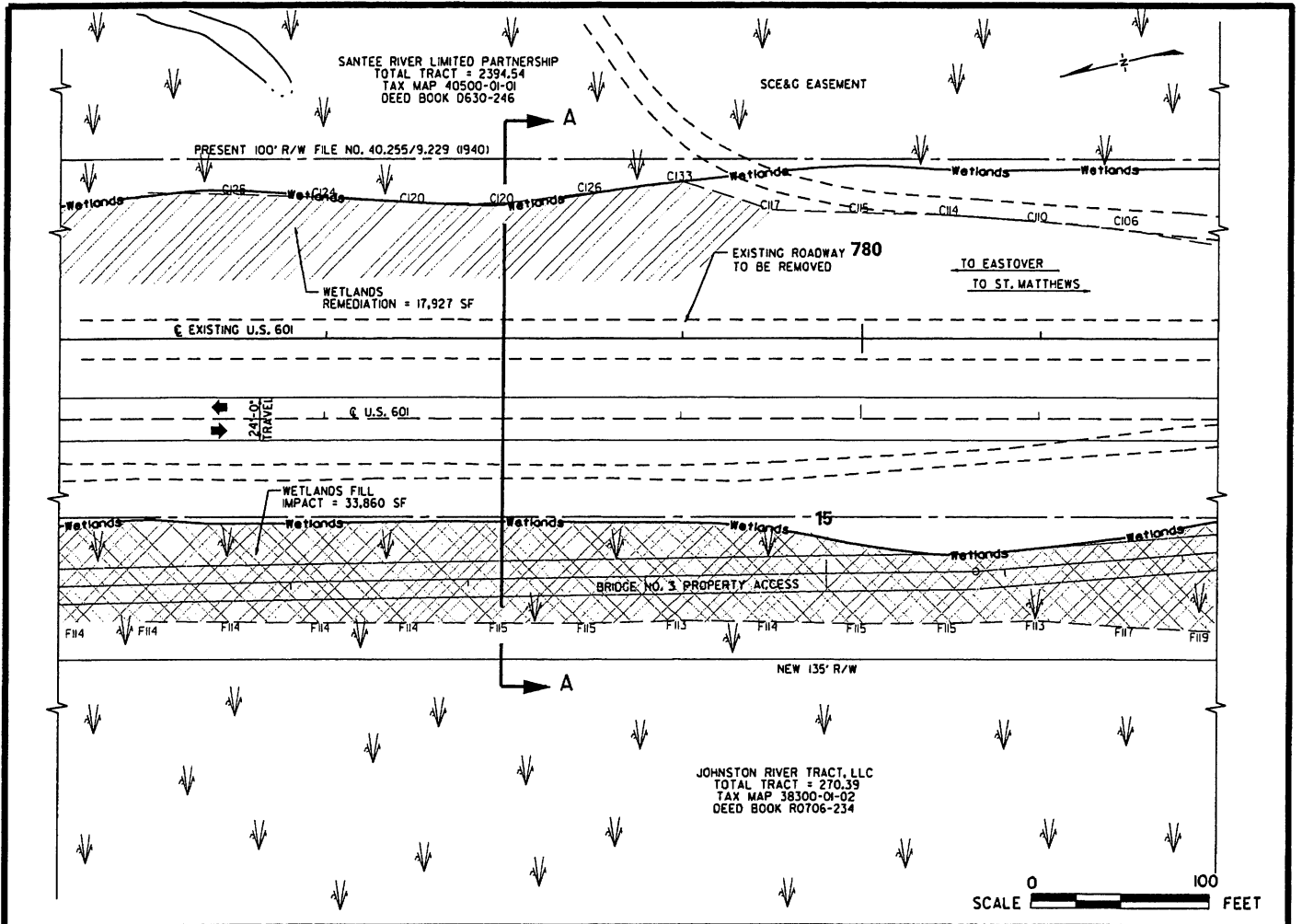
WETLANDS FILL IMPACT TOTAL = 34,555 SF

WETLANDS REMEDIATION TOTAL = 21,001 SF

VERT. 0 20
HORIZ. 0 40
SCALE 0 20 40 FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'





BRIDGE NO. 3 OVER BATES OLD RIVER

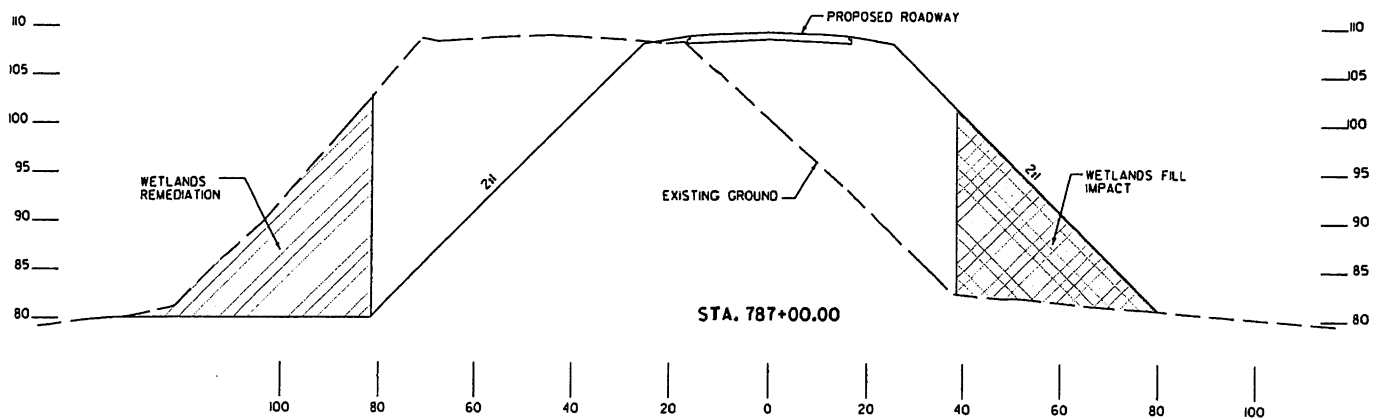
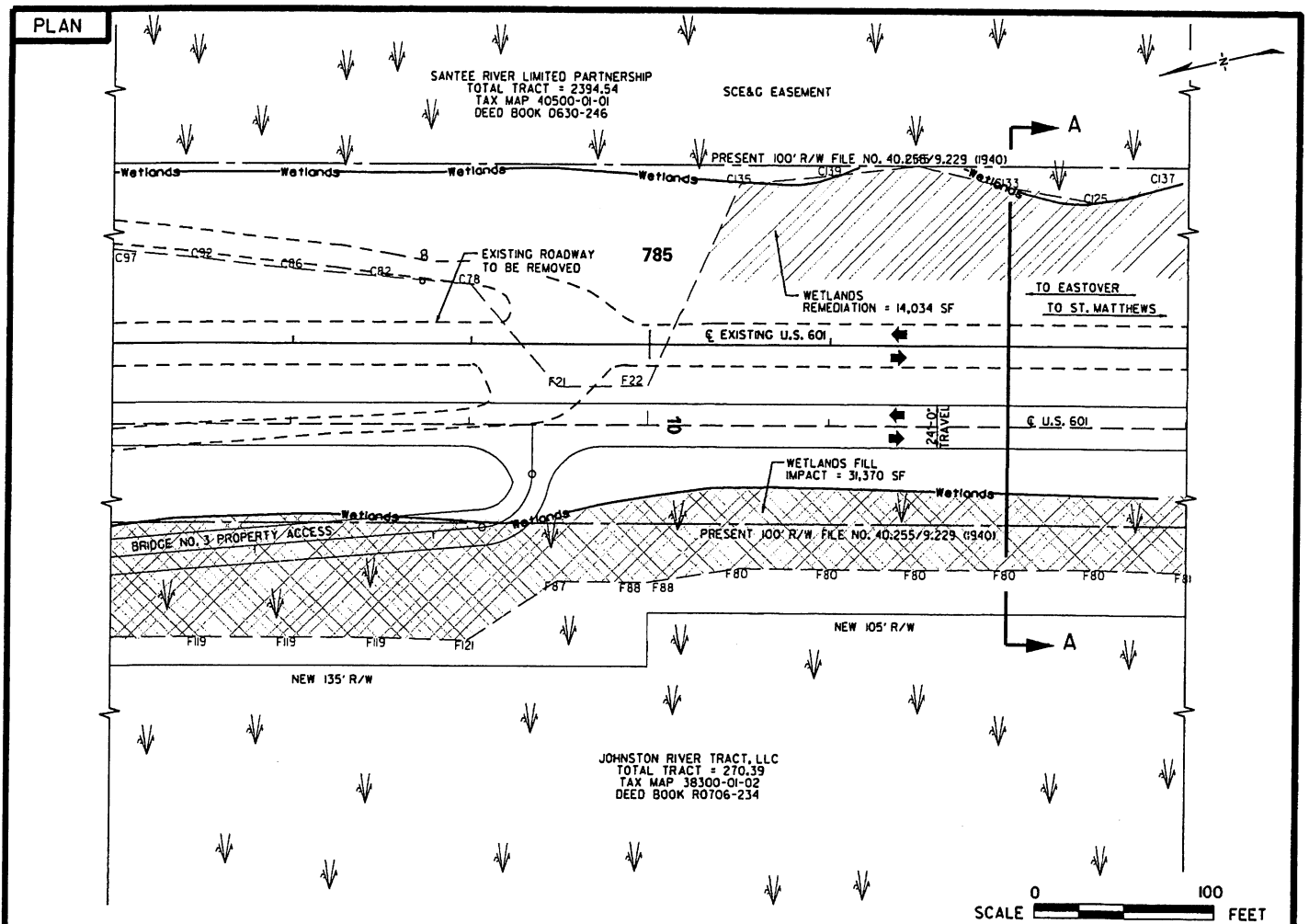
PIN 30616
 PROPOSED BRIDGE REPLACEMENT NO. 3
 U.S. ROUTE 601
 BATES OLD RIVER
 CALHOUN/RICHLAND COUNTIES, S.C.
 APPLICATION BY SCDOT
 FEDERAL FUNDS TO BE USED
 DATE: JUNE 24, 2005
 SHEET: 20 OF 32 PN#2005-2T-200-W

LEGEND

- WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 33,860 SF
- WETLANDS REMEDIATION TOTAL = 17,927 SF

VERT. 0 20
 HORIZ. 0 40
 SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
 100 YR. FLOOD ELEV. = 90.0'



BRIDGE NO. 3 OVER BATES OLD RIVER

PIN 30616

PROPOSED BRIDGE REPLACEMENT NO. 3

U.S. ROUTE 601

BATES OLD RIVER

CALHOUN/RICHLAND COUNTIES, S.C.

APPLICATION BY SCDOT

FEDERAL FUNDS TO BE USED

DATE: JUNE 24, 2005

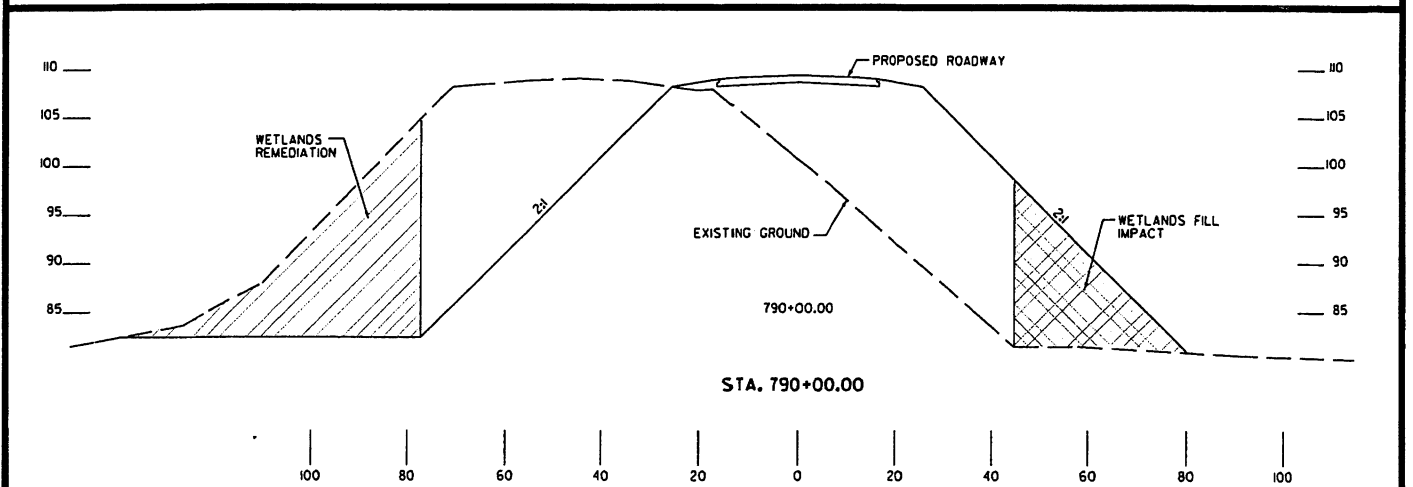
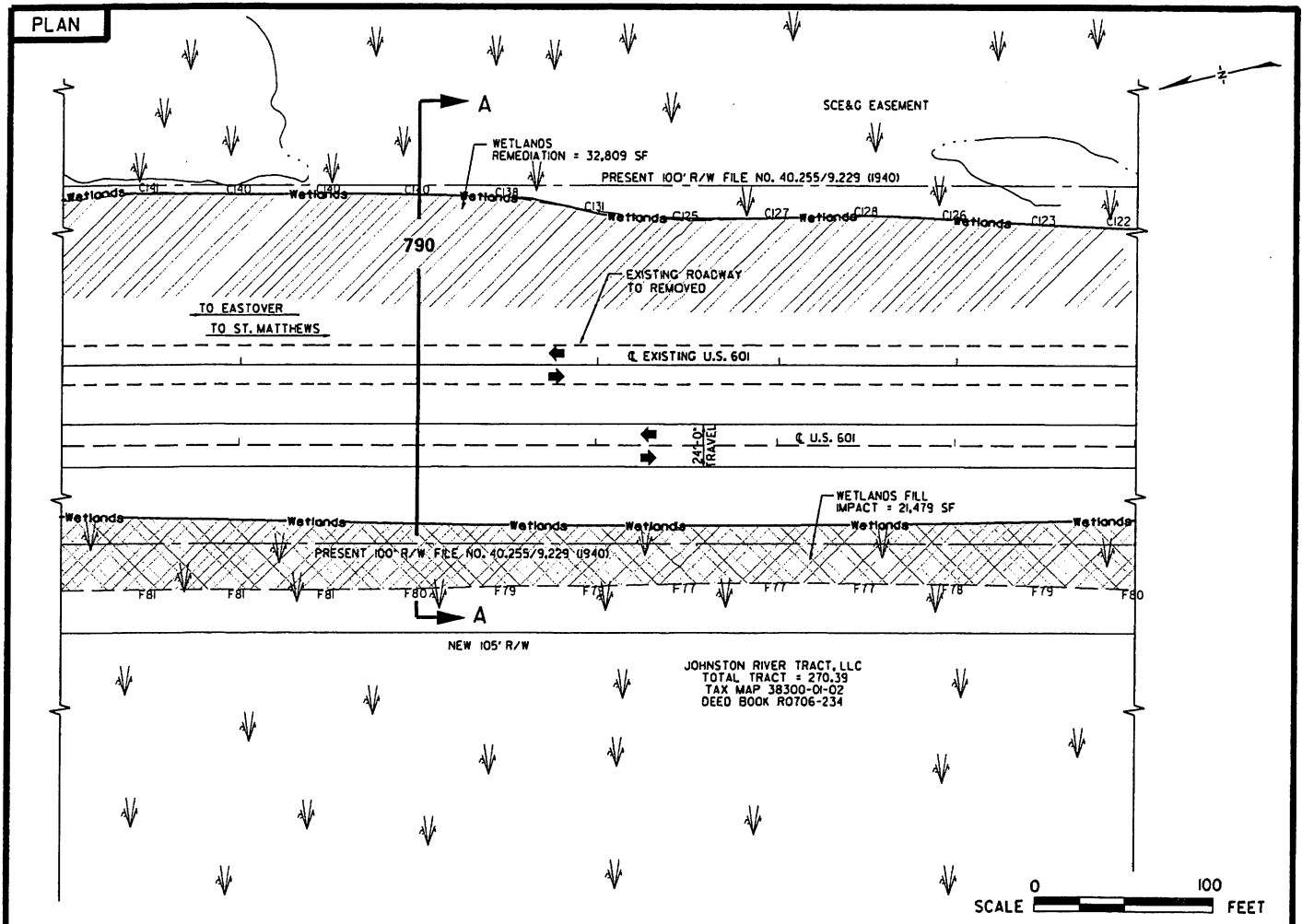
SHEET: 21 OF 32 *PN#2005-2T-208-W*

LEGEND

- Wetlands WETLANDS BOUNDARY
- WETLANDS FILL IMPACT
TOTAL = 31,370 SF
- WETLANDS REMEDIATION
TOTAL = 14,034 SF

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

VERT. 0 20
HORIZ. 0 40
SCALE FEET



BRIDGE NO. 4 OVER CONGAREE RIVER

LEGEND

Wetlands WETLANDS BOUNDARY

WETLANDS FILL
IMPACT
TOTAL = 21,479 SF

WETLANDS
REMEDATION
TOTAL = 32,809 SF

VERT. 0 20
HORIZ. 0 40
SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 22 OF 32 PNH# 2005-2T-208-W

WETLANDS REMEDIATION = 29,803 SF

SCE&G EASEMENT

PRESENT 100' R/W FILE NO. 40.255/9.229 (1940)

Wetlands C121 C125 C127 C128 C129 C135

795 800

TO EASTOVER
TO ST. MATTHEWS

EXISTING ROADWAY
TO BE REMOVED

EXISTING U.S. 601

24' OF
FRAME

U.S. 601

Wetlands F81 F82 F83 F86

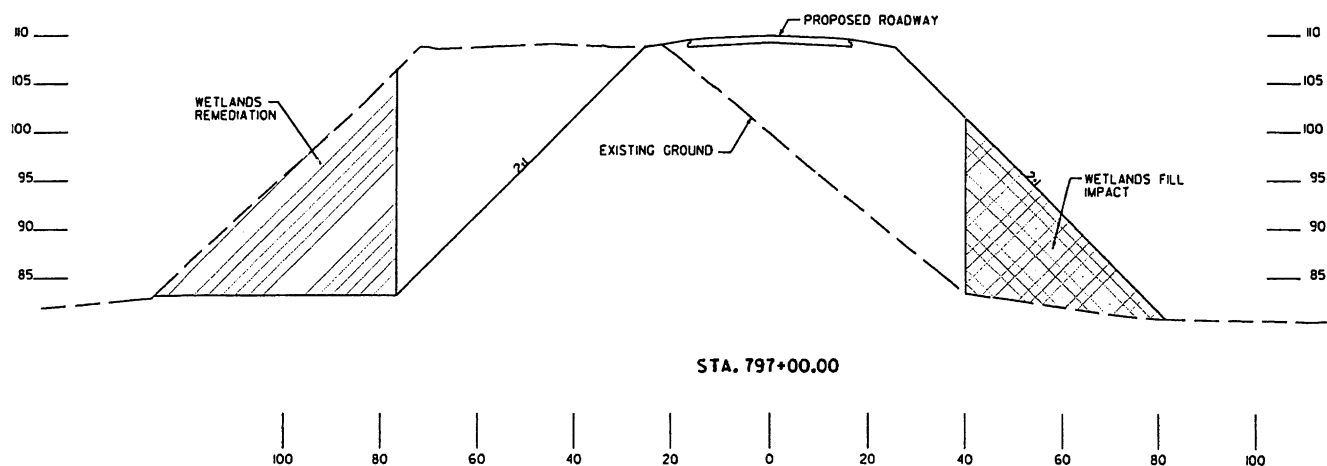
WETLANDS FILL
IMPACT = 25,465 SF

PRESENT 100' R/W FILE NO. 40.255/9.229 (1940)

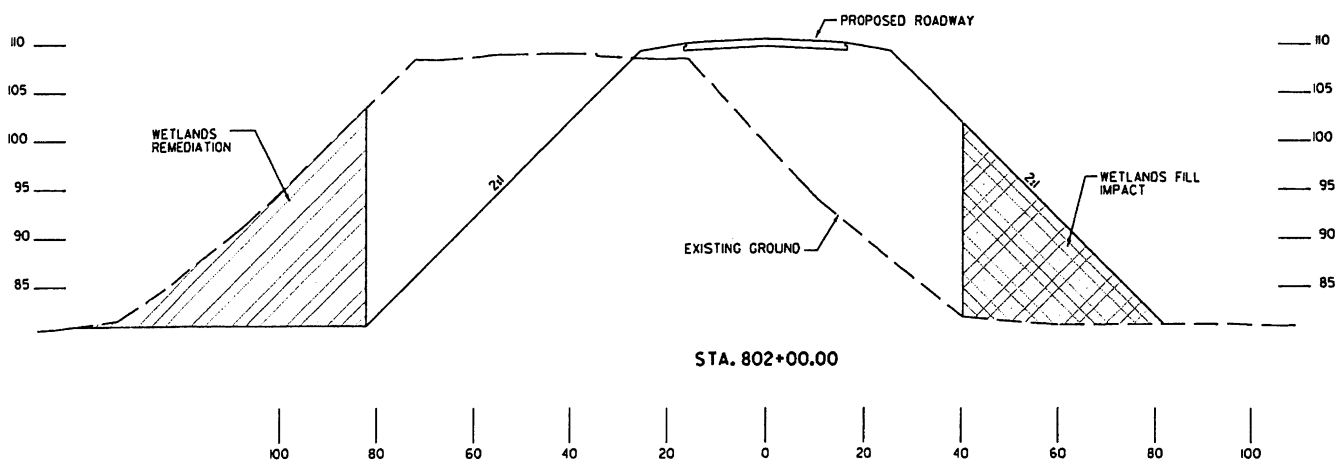
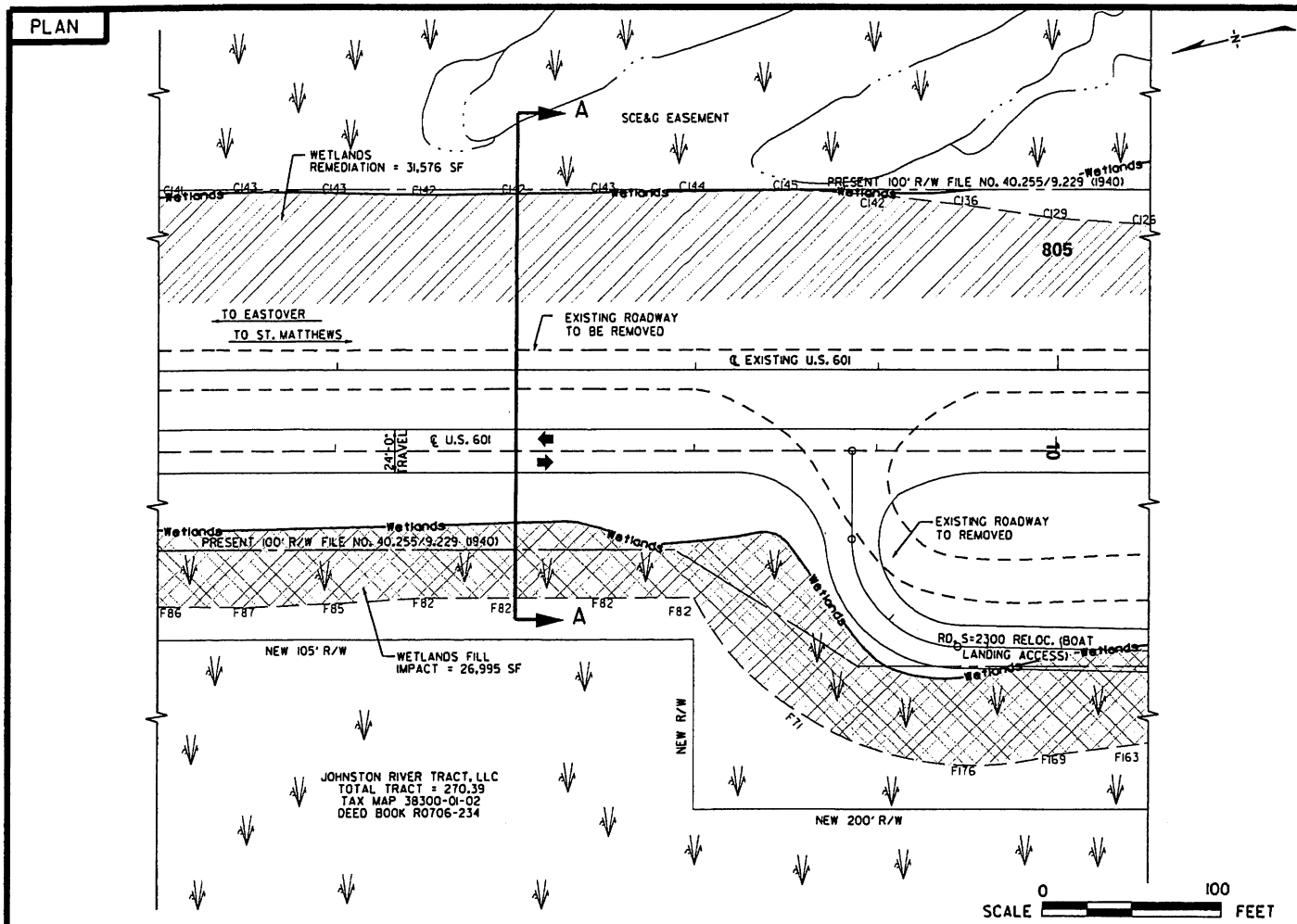
NEW 105' R/W

JOHNSTON RIVER TRACT, LLC
TOTAL TRACT = 270.39
TAX MAP: 38300-01-02
DEED BOOK R0706-234

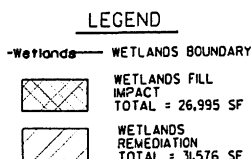
0 100
SCALE FEET



PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 23 OF 32 PH#2005-2T-208-W



BRIDGE NO. 4 OVER CONGAREE RIVER

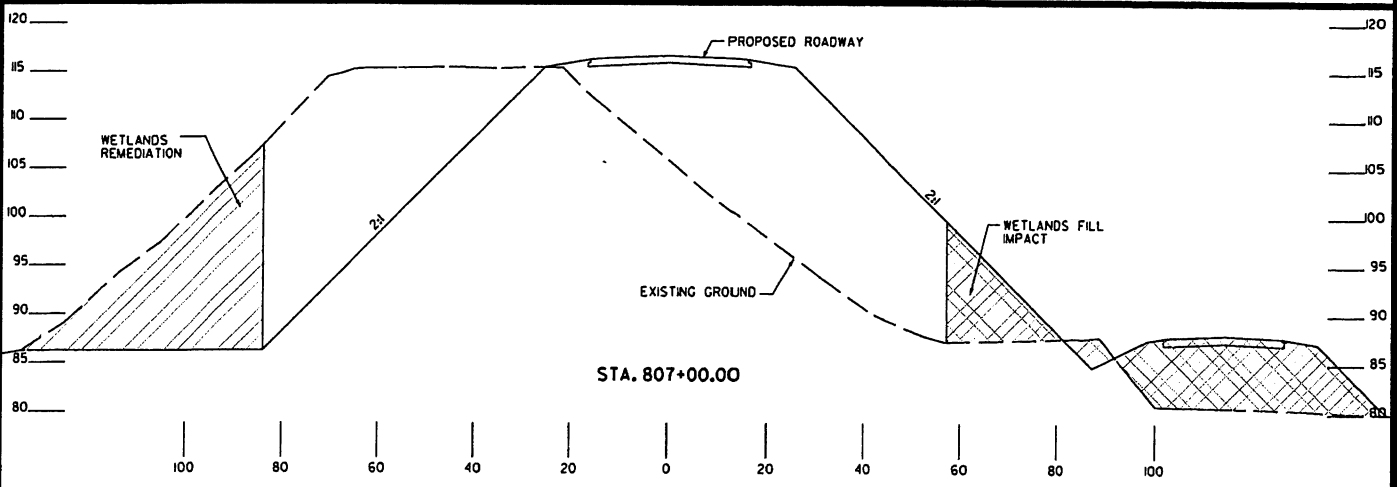
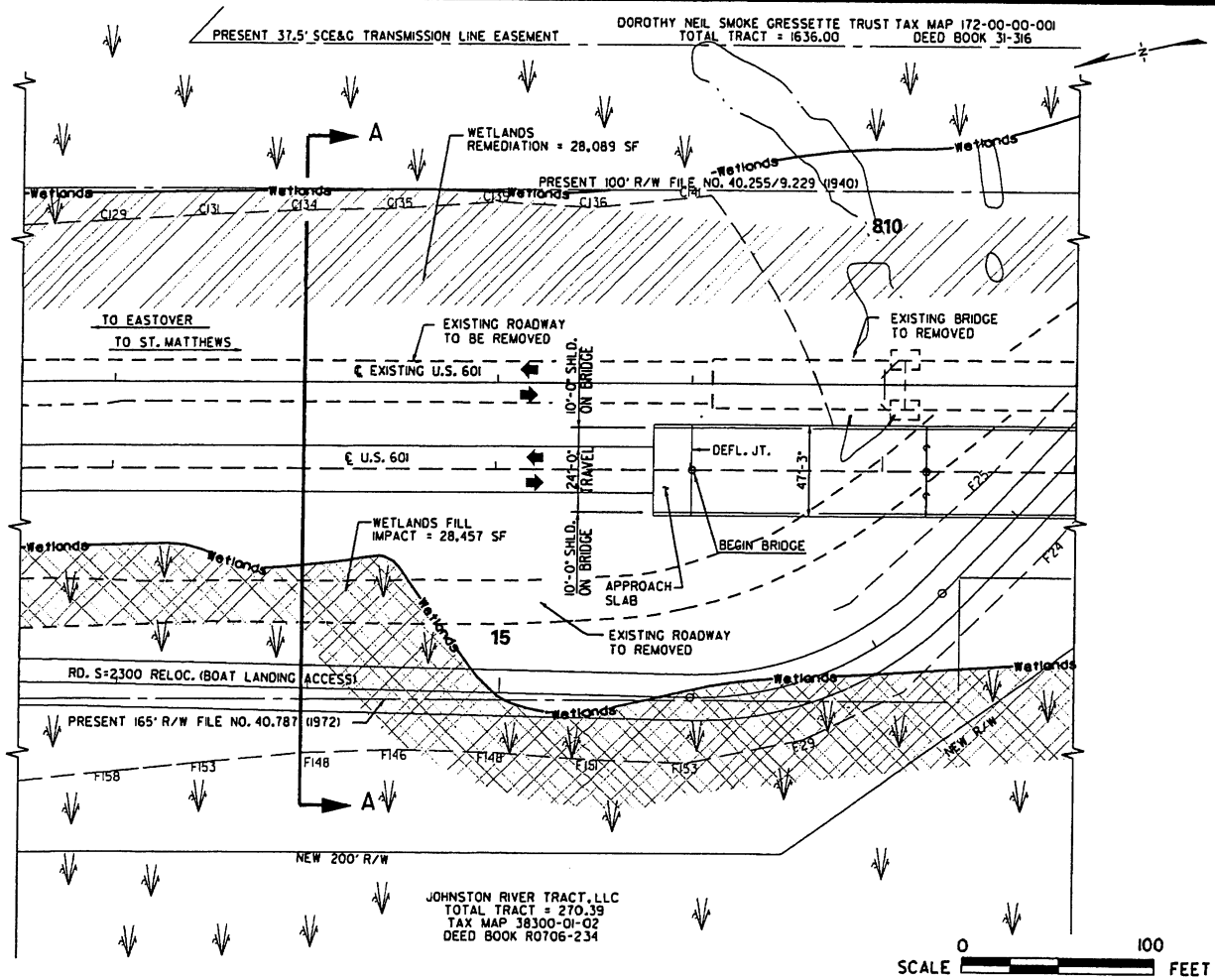


VERT. 0 20
HORIZ. 0 40
SCALE 0 40 FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 24 OF 32 PN#2005-2T-208-W

PLAN



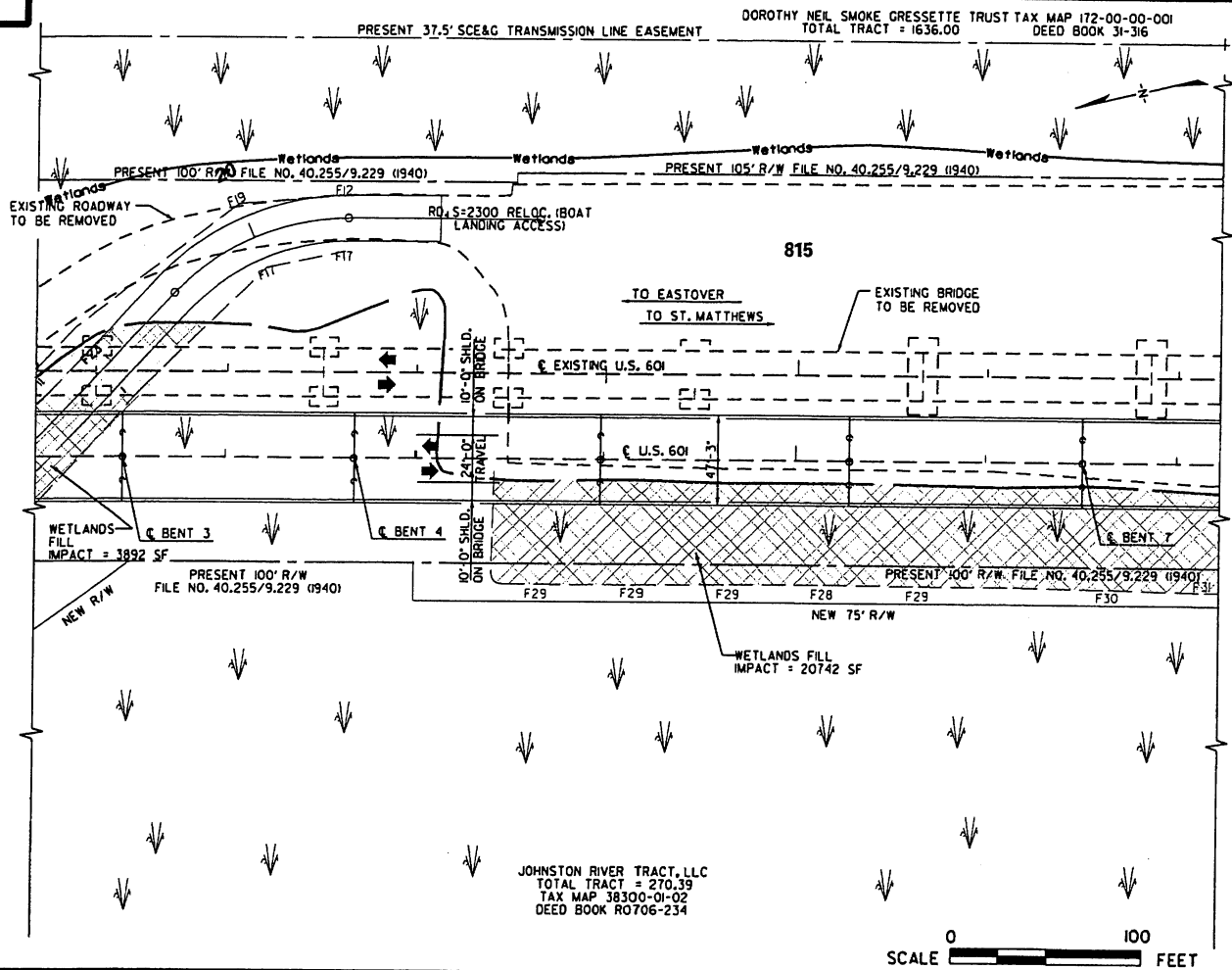
BRIDGE NO. 4 OVER CONGAREE RIVER

PIN 30612
 PROPOSED BRIDGE REPLACEMENT NO. 4
 U.S. ROUTE 601
 CONGAREE RIVER
 CALHOUN/RICHLAND COUNTIES, S.C.
 APPLICATION BY SCDOT
 FEDERAL FUNDS TO BE USED
 DATE: JUNE 24, 2005
 SHEET: 25 OF 32 PN# 2005-27-208-W

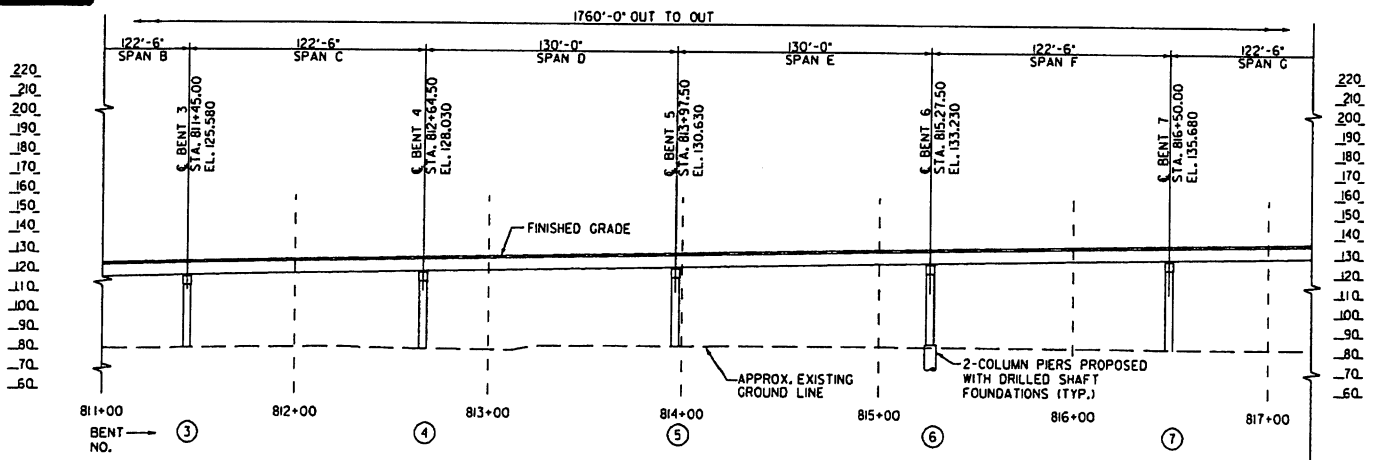
- LEGEND**
- Wetlands WETLANDS BOUNDARY
 - WETLANDS FILL IMPACT TOTAL = 28,457 SF
 - WETLANDS REMEDIATION TOTAL = 28,089 SF

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
 100 YR. FLOOD ELEV. = 90.0'

PLAN



PROFILE



BRIDGE NO. 4 OVER CONGAREE RIVER

LEGEND

- Wetlands WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 24634 SF
- WETLANDS REMEDIATION TOTAL = 0 SF

VERT. 0 100
HORIZ. 0 100
SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612

PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601

CONGAREE RIVER

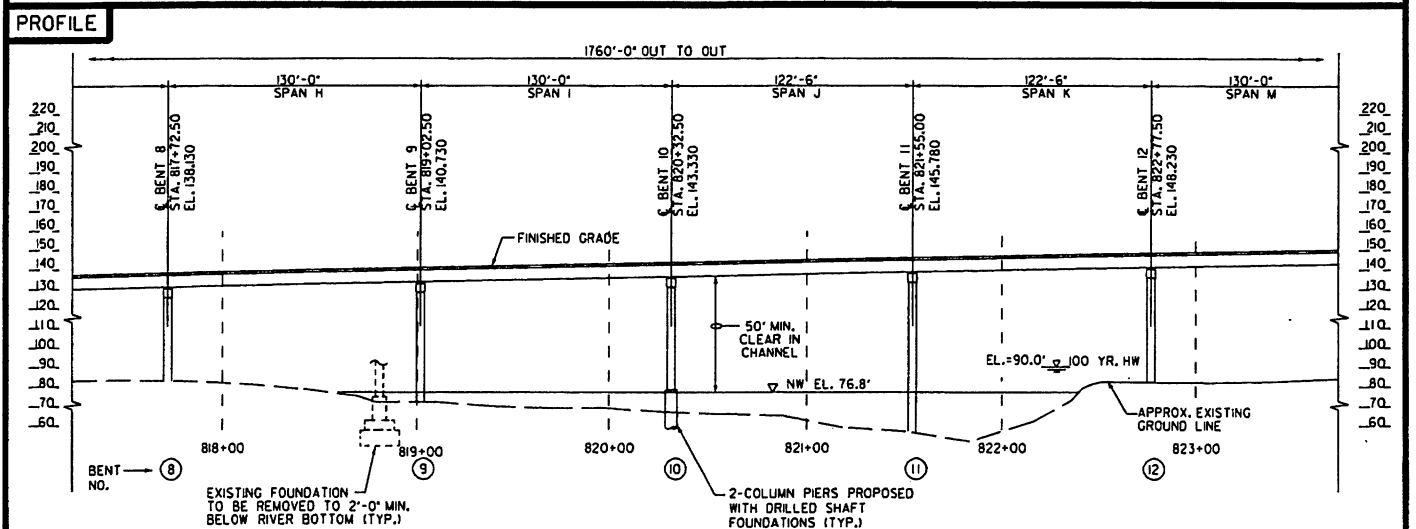
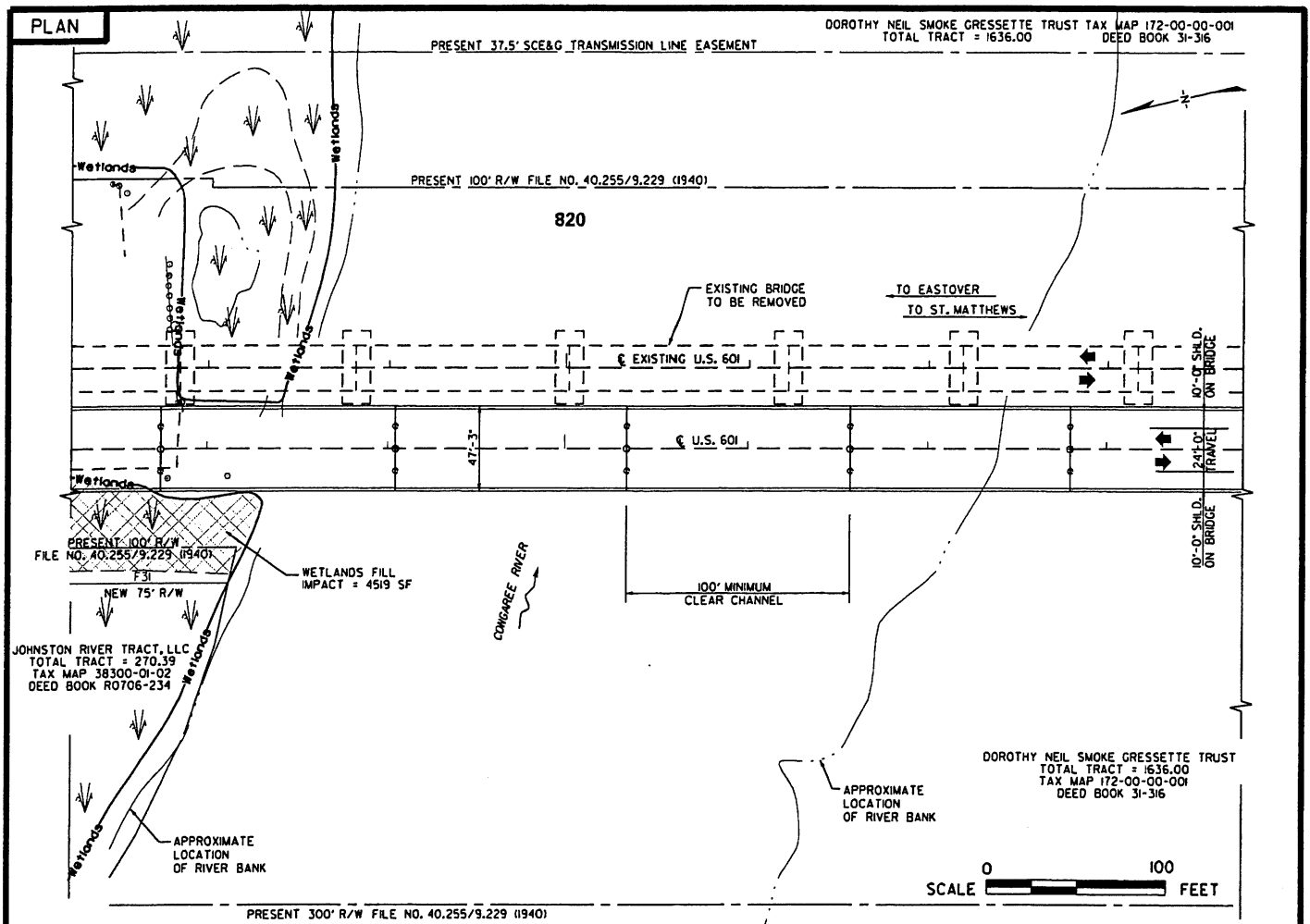
CALHOUN/RICHLAND COUNTIES, S.C.

APPLICATION BY SCDOT

FEDERAL FUNDS TO BE USED

DATE: JUNE 24, 2005

SHEET: 26 OF 32 PN# 2005-2T-208-W



BRIDGE NO. 4 OVER CONGAREE RIVER

LEGEND

Wetlands

WETLANDS BOUNDARY

WETLANDS FILL IMPACT TOTAL = 4519 SF

WETLANDS REMEDIATION TOTAL = 0 SF

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

PIN 30612

PROPOSED BRIDGE REPLACEMENT NO. 4

U.S. ROUTE 601

CONGAREE RIVER

CALHOUN/RICHLAND COUNTIES, S.C.

APPLICATION BY SCDOT

FEDERAL FUNDS TO BE USED

DATE: JUNE 24, 2005

SHEET: 27 OF 32 PN#2005-2T-208-W

PLAN

PRESENT 37.5' SCE&G TRANSMISSION LINE EASEMENT

DOROTHY NEIL SMOKE GRESSETTE TRUST TAX MAP 172-00-00-001
TOTAL TRACT = 1636.00
DEED BOOK 31-316

PRESENT 100' R/W FILE NO. 40,255/9,229 (1940)

825

830

TO EASTOVER
TO ST. MATTHEWS

EXISTING ROADWAY
TO BE REMOVED

EXISTING U.S. 601

U.S. 601

DEFL. JT.

APPROACH
SLAB

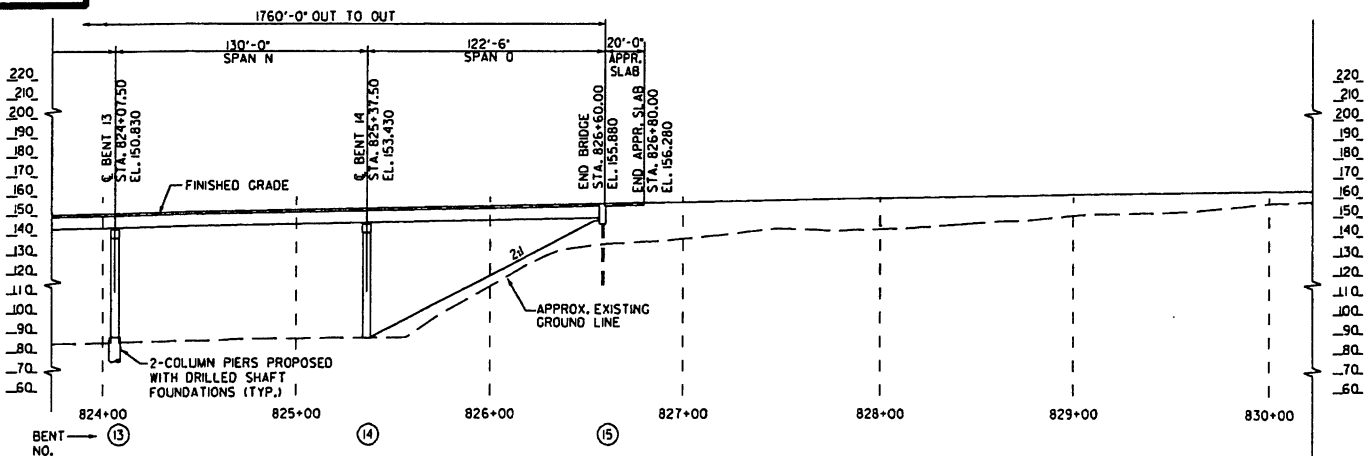
END BRIDGE

DOROTHY NEIL SMOKE GRESSETTE TRUST
TOTAL TRACT = 1636.00
TAX MAP 172-00-00-001
DEED BOOK 31-316

0 100
SCALE FEET

PRESENT 200' R/W FILE NO. 40,255/9,229 (1940)

PROFILE



BRIDGE NO. 4 OVER CONGAREE RIVER

LEGEND

- Wetlands
- WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 0 SF
- WETLANDS REMEDIATION TOTAL = 0 SF

VERT. 0 100
HORIZ. 0 100
SCALE FEET

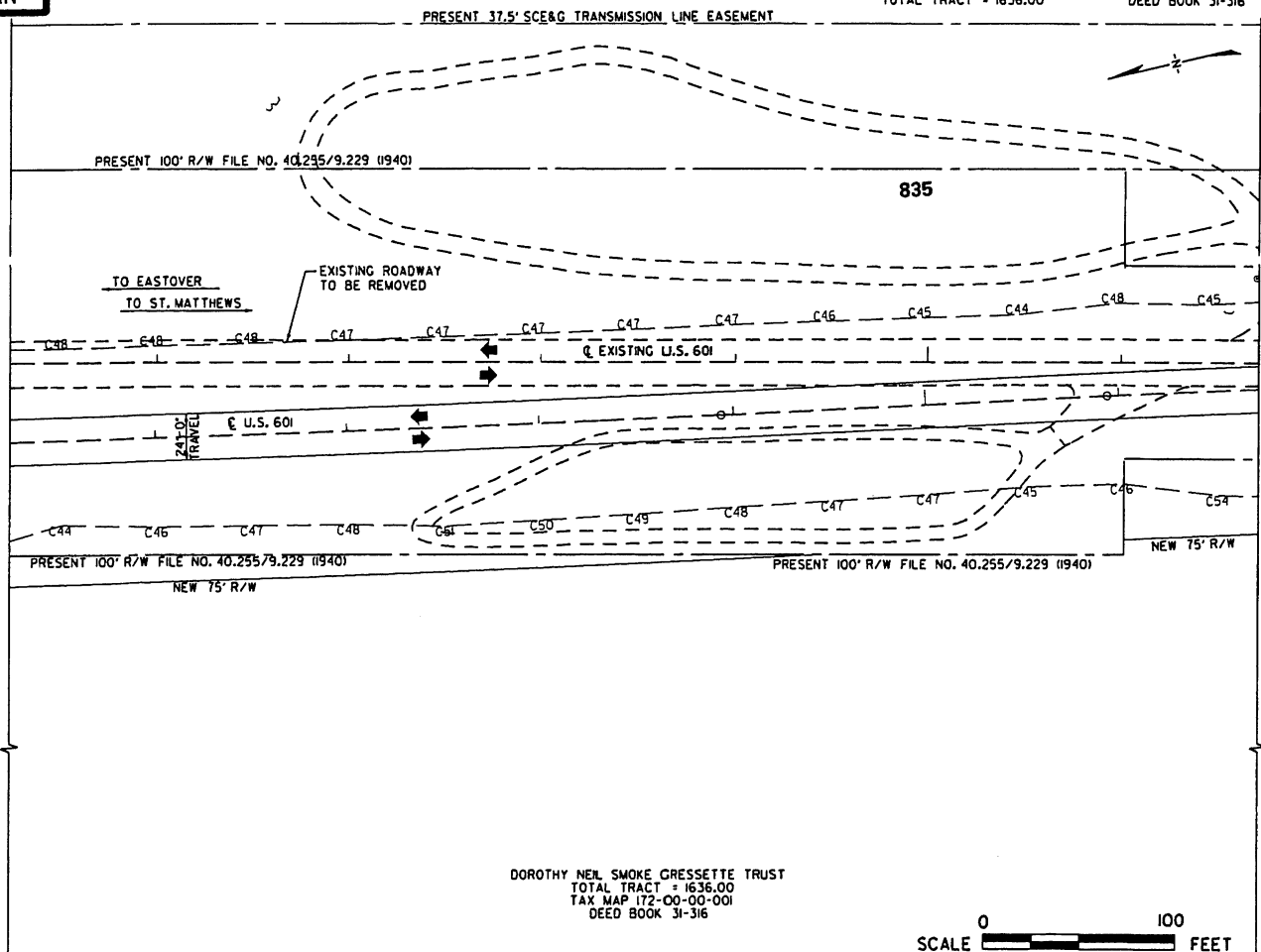
ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

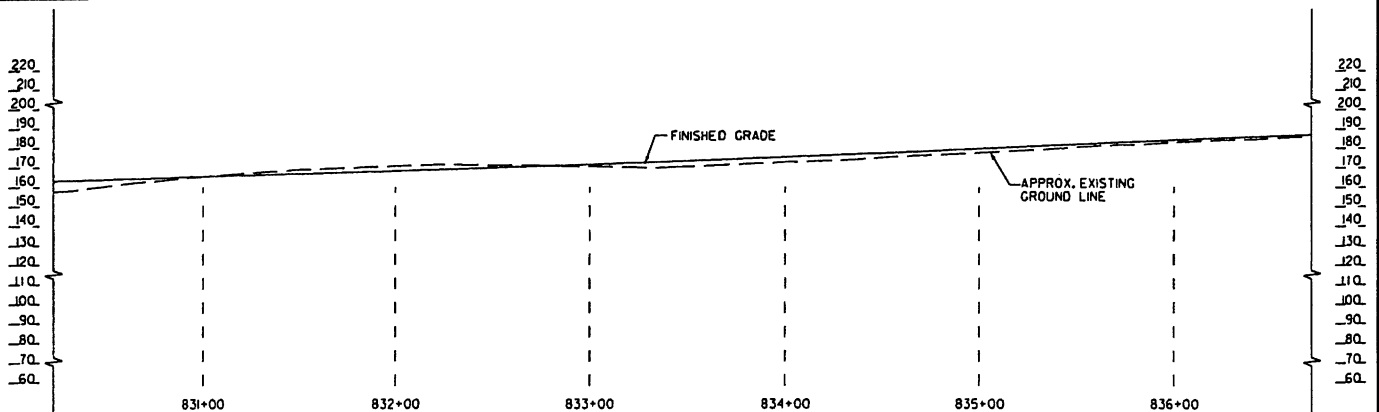
PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 28 OF 32 PN#2005-27-208-W

PLAN

DOROTHY NEIL SMOKE GRESSETTE TRUST TAX MAP 172-00-00-001
TOTAL TRACT = 1636.00 DEED BOOK 31-316



PROFILE



BRIDGE NO. 4 OVER
CONGAREE RIVER

LEGEND

- Wetlands- WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 0 SF
- WETLANDS REMEDIATION TOTAL = 0 SF

VERT. 0 100
HORIZ. 0 100
SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 29 OF 32 *PN#2005-2T-208-W*

PLAN

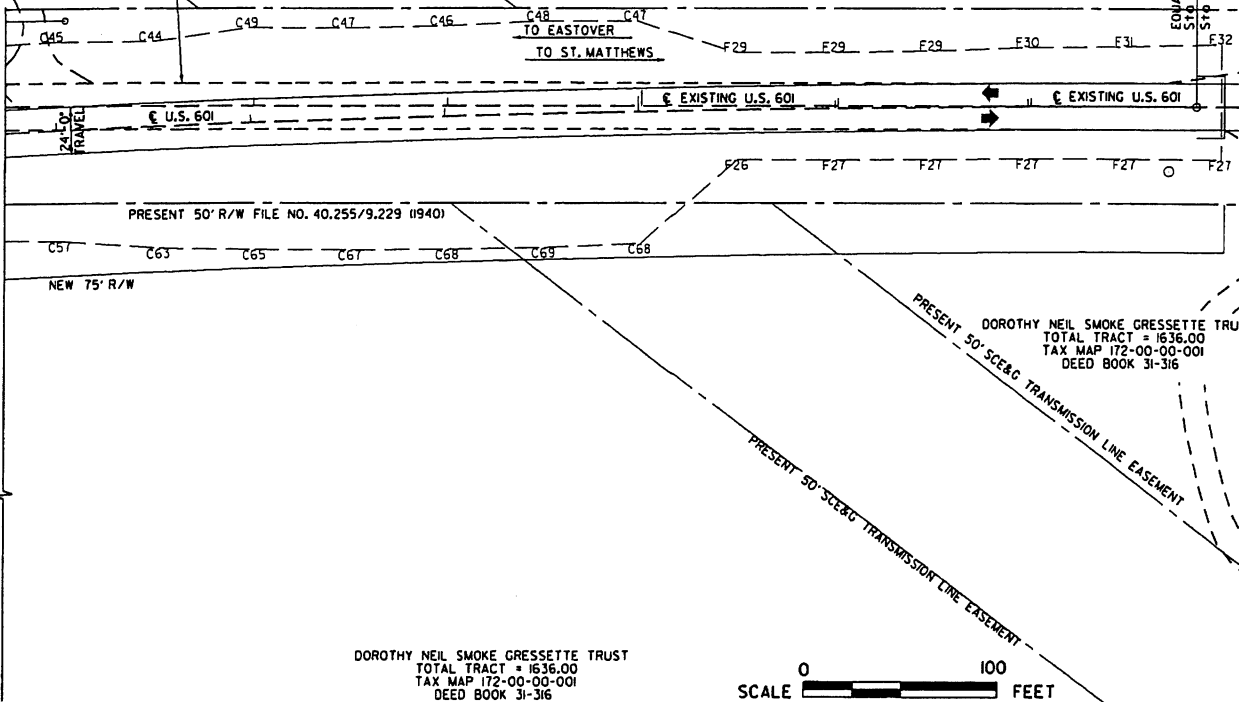
PRESENT 37.5' SCE&G
TRANSMISSION LINE EASEMENT

DOROTHY NEIL SMOKE GRESSETTE TRUST
TOTAL TRACT = 1636.00
TAX MAP 172-00-00-001
DEED BOOK 31-316

840

840

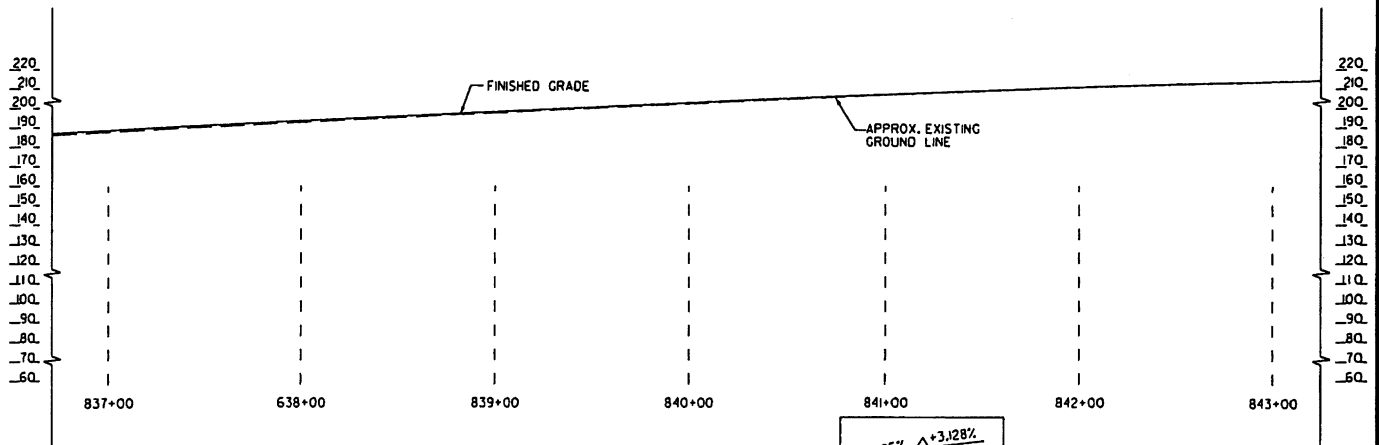
EXISTING ROADWAY
TO BE REMOVED



DOROTHY NEIL SMOKE GRESSETTE TRUST
TOTAL TRACT = 1636.00
TAX MAP 172-00-00-001
DEED BOOK 31-316

0 100
SCALE FEET

PROFILE



+4.595% Δ +3.128%
PI = 841+35.00
EI = 208.35
V.C. = 300'

BRIDGE NO. 4 OVER
CONGAREE RIVER

LEGEND

-Wetlands- WETLANDS BOUNDARY



WETLANDS FILL
IMPACT
TOTAL = 0 SF



WETLANDS
REMEDICATION
TOTAL = 0 SF

VERT. 0 100
HORIZ. 0 100
SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988

100 YR. FLOOD ELEV. = 90.0'

PIN 30612

PROPOSED BRIDGE REPLACEMENT NO. 4

U.S. ROUTE 601

CONGAREE RIVER

CALHOUN/RICHLAND COUNTIES, S.C.

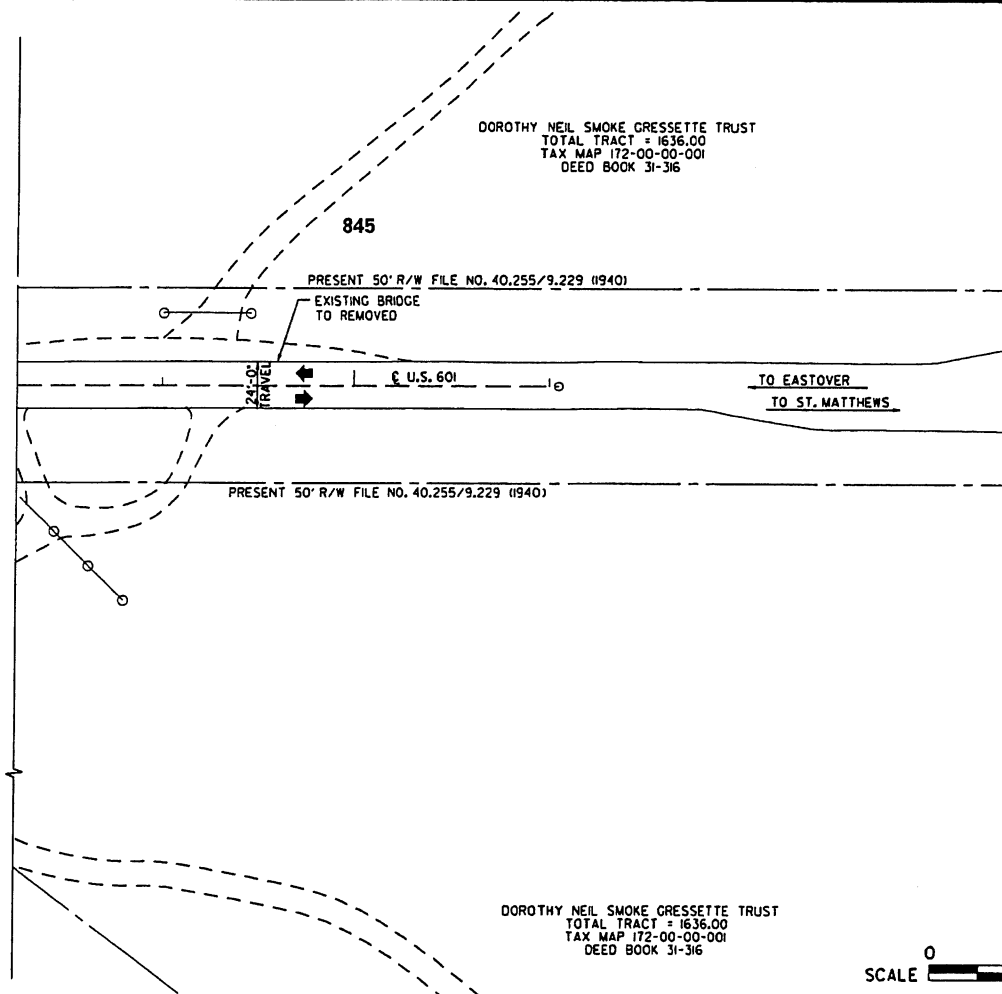
APPLICATION BY SCDOT

FEDERAL FUNDS TO BE USED

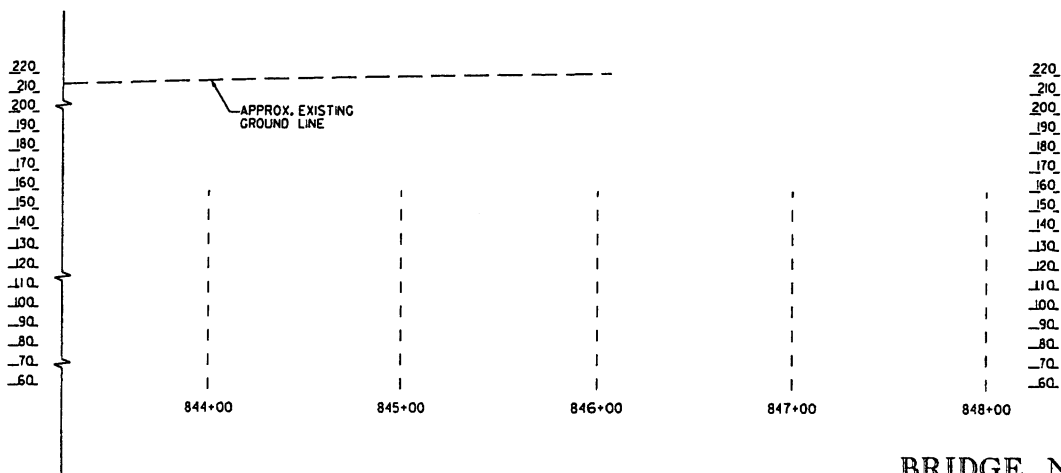
DATE: JUNE 24, 2005

SHEET: 30 OF 32 PN#2005-2T-208-W

PLAN



PROFILE



BRIDGE NO. 4 OVER
CONGAREE RIVER

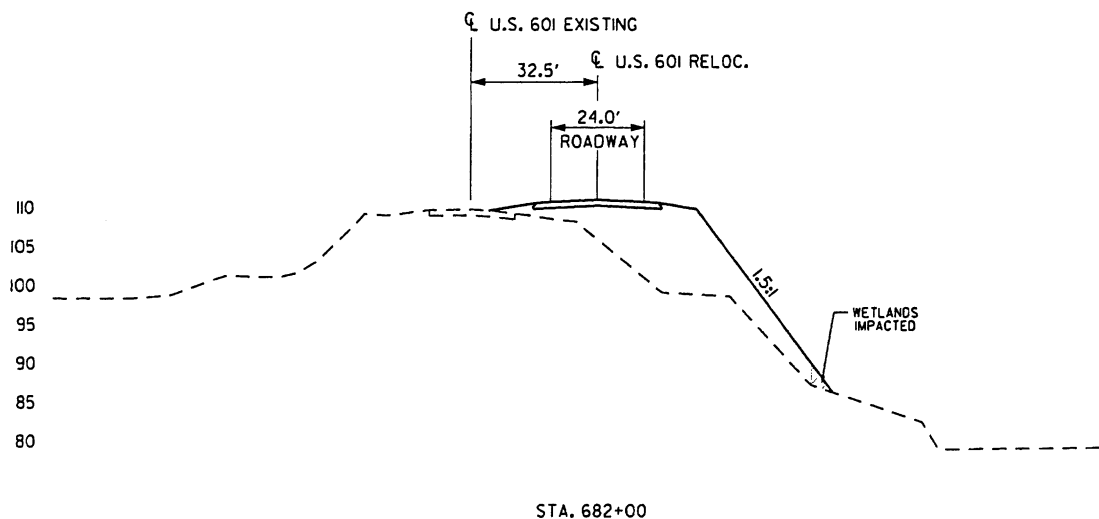
LEGEND

- Wetlands- WETLANDS BOUNDARY
- WETLANDS FILL IMPACT TOTAL = 0 SF
- WETLANDS REMEDIATION TOTAL = 0 SF

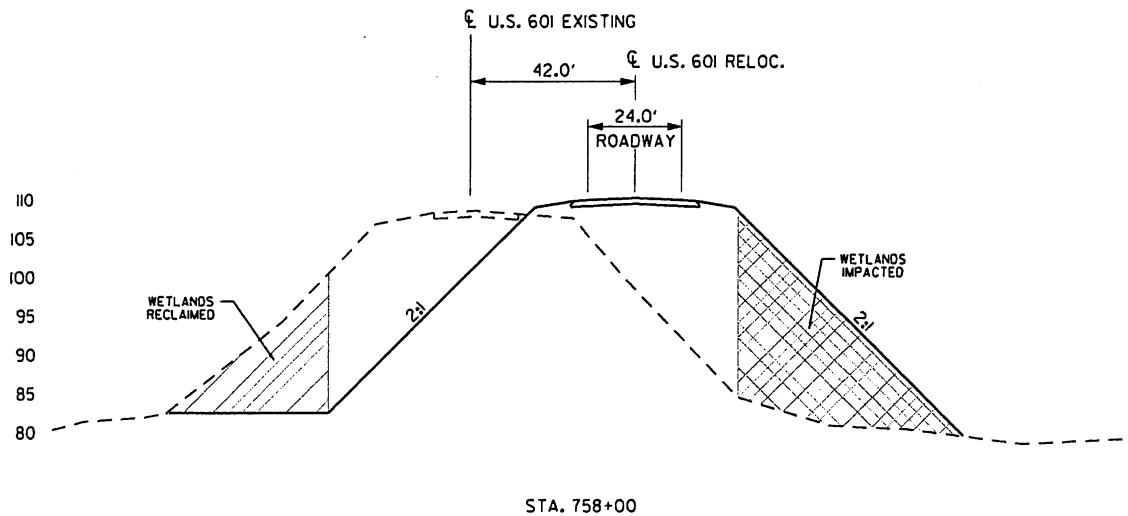
VERT. 0 100
HORIZ. 0 100
SCALE FEET

ALL PROJECT SURVEY DATA IS REFERENCED TO NAVD 1988
100 YR. FLOOD ELEV. = 90.0'

PIN 30612
PROPOSED BRIDGE REPLACEMENT NO. 4
U.S. ROUTE 601
CONGAREE RIVER
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE: JUNE 24, 2005
SHEET: 31 OF 32 *PN#2005-27-208-W*



TYPICAL SECTION USED ON
U.S. RTE. 601 RELOC. STA. 680+00 - 683+00



TYPICAL SECTION USED ON
U.S. RTE. 601 RELOC. STA. 620+80 - 628+50
U.S. RTE. 601 RELOC. STA. 683+00 - 688+20
U.S. RTE. 601 RELOC. STA. 705+90 - 715+80
U.S. RTE. 601 RELOC. STA. 750+40 - 762+00
U.S. RTE. 601 RELOC. STA. 769+80 - 807+50

PIN 30616
PROPOSED BRIDGE REPLACEMENTS
U.S. ROUTE 601
CALHOUN/RICHLAND COUNTIES, S.C.
APPLICATION BY SCDOT
FEDERAL FUNDS TO BE USED
DATE JUNE 24, 2005
SHEET 32 OF 32 *PN# 2005-2T-208-W*